

(6) Instructs in the theory and maintenance of electronic equipment.

d. Related DOT Classification/DOT Code. Supervisor, Electronics Systems Maintenance 828.161-010.

e. Related Military Skill. Air Traffic Control Systems Maintenance Chief, 5959.

MOS 5939/5993, Aviation Communication Systems Technician/Electronic Maintenance
Chief (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5993			FMF Duty: MAW/HQ/MACS Non-FMF Duty: MAW (R)/MCTSSA/ MCCES/MARCORSYSCOM
MSgt 5939			FMF Duty: MTACS/MACS/MASS Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/MCCES/MCTSSA
GySgt 5939			FMF Duty: MTACS/MACS/MASS/ Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/MCCES
SSgt 5939			FMF Duty: MTACS/MACS/MASS/ LAAD Bn/Btry/MAW Non-FMF Duty: MTACS (R)/MACS (R) MASS (R)/LAAD (R)/ MCCES/Ft Bliss/ Restone Arsenal
Sgt 5939			FMF Duty: MTACS/MACS/MASS/ LAAD Bn/Btry Non-FMF Duty: MTACS (R)/MACS (R) MASS (R)/LAAD (R)/ MCCES/Ft Bliss/Restone Arsenal
Cpl 5939			FMF Duty: MTACS/MACS/MASS/ LAAD Bn/Btry Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/LAAD (R)/ MCCES/MCAGCC/MCTSSA

Figure 3-28.--Electronics Maintenance Career Structure Chart

LCpl-Pvt
5939 Aviation Communi-
cation Systems
Technician Course

FMF Duty:
MTACS/MACS/MASS/
LAAD Bn/Btry
Non-FMF Duty:
MTACS (R)/MACS (R)/
MASS (R)/LAAD (R)/
MCCES

MOS 5942/5948/5993, Aviation Radar Repairer/Technician/Electronic Maintenance Chief
(PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5993			FMF Duty: MAW/HQ/MACS Non-FMF Duty: MAW (R)/MCTSSA/ MCCES/MARCORSYSCOM/
MSgt 5948			FMF Duty: MACS/MCLB Non-FMF Duty: MACS (R)/MCCES/MCLB
GySgt 5948			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCCES/ MCTSSA/MCLB/ MARCORSYSCOM
SSgt 5948			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCTSSA/ MCCES/MCLB
Sgt 5942/48		Aviation Radar Technician Course	FMF Duty: MACS Non-FMF Duty: MACS (R)/MCCES/ MCTSSA/MCLB
Cpl 5942			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCCES/ MCTSSA/MCLB

Figure 3-28.--Electronics Maintenance Career Structure Chart

LCpl-Pvt Aviation Radar
5942 Repair Course

FMF Duty:
MACS
Non-FMF Duty:
MACS (R)/MCTSSA/
MCCES/MCLB/MCAGCC

MOS 5952/5959, Air Traffic Control Navigational Aids Technician/Systems Maintenance Chief
(PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5959			FMF Duty: MACS Non-FMF Duty: NAS Pensacola
MSgt 5959			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola/MCLB
GySgt 5952		Marine Air Traffic Control Advanced Technician Course	FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
SSgt 5952			FMF Duty: MACS Non-FMF Duty: MCAS/NAS Pensacola
Sgt 5952			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS NAS Pensacola
Cpl 5952			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS NAS Pensacola
LCpl-Pvt 5952	Marine Air Traffic Control Navigational Aids Technician Course		FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS NAS Pensacola

Figure 3-28.--Electronics Maintenance Career Structure Chart

MOS 5953/5959, Air Traffic Control Radar Technician/Systems Maintenance Chief (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5959			FMF Duty: MACS Non-FMF Duty: NAS Pensacola
MSgt 5959			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/
GySgt 5953	Marine Air Traffic Control Advanced Technician Course	Marine Air Traffic Control Advanced Technician Course	FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
SSgt 5953			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
Sgt 5953			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS NAS Pensacola
Cpl 5953			FMF Duty: MACS Non-FMF Duty: MCAS/NAS Pensacola
LCpl-Pvt 5953	Marine Air Traffic Control Radar Technician Course		FMF Duty: MACS Non-FMF Duty: MCAS/NAS Pensacola

Figure 3-28.--Electronics Maintenance Career Structure Chart

MOS 5954/5959, Air Traffic Control Communications Technician/Systems Maintenance
Chief (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5959			FMF Duty: MACS Non-FMF Duty: NAS Pensacola
MSgt 5959			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
GySgt 5954	Marine Air Traffic Control Advanced Technician Course		FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
SSgt 5954			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
Sgt 5954			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS/ NAS Pensacola
Cpl 5954			FMF Duty: MACS Non-FMF Duty: MCAS/NAS Pensacola/ MCAGCC
LCpl-Pvt 5954	Marine Air Traffic Control Communications Technician Course		FMF Duty: MACS Non-FMF Duty: MACS (R)/MCAS NAS Pensacola/MCAGCC

Figure 3-28.--Electronics Maintenance Career Structure Chart

MOS 5974/5993, Tactical Data Systems Administrator/Electronics Maintenance Chief
(PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5993			FMF Duty: MAW HQ/MACS Non-FMF Duty: MAW (R)/MCTSSA/ MCCES/MARCORSYSCOM/ MARFORRES
MSgt 5974			FMF Duty: MTACS Non-FMF Duty: MTACS (R)/MCCES
GySgt 5974			FMF Duty: MTACS Non-FMF Duty: MTACS (R)/Barstow/ MCTSSA/MCCES/MCLB
SSgt 5974		Network Design and System Management Course	FMF Duty: MTACS Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/MCCES/ MCTSSA
Sgt 5974		Joint Tactical Information Distri- bution System (JTIDS) Course	FMF Duty: MTACS/MACS/MASS Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/MCCES/ MCTSSA
Cpl 5974			FMF Duty: None Non-FMF Duty: MTACS (R)/MACS (R)/ MASS (R)/MCCES/MCTSSA
LCpl-Pvt 5974	Tactical Data Systems Admini- strator Course		FMF Duty: None Non-FMF Duty: MCCES/MCTSSA

Figure 3-28.--Electronics Maintenance Career Structure Chart

MOS 5979/5993 Tactical Air Operations Module/Air Defense Technician/Electronics
Maintenance Chief (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 5993			FMF Duty: MAW HQ/MACS Non-FMF Duty: MAW (R)/MCTSSA/ Albany/MCCES/ MARCORSYSCOM MARFORRES
MSgt 5979			FMF Duty: MACS Non-FMF Duty: MCCES
GySgt 5979			FMF Duty: MACS Non-FMF Duty: MACS (R)/MCTSSA/ MCCES/MARCORSYSCOM/ MCLB
SSgt 5979		Network Design and System Management Course	FMF Duty: MACS Non-FMF Duty: MACS (R)/MCTSSA/ MCCES
Sgt 5979	Tactical Air Operations Module Technician Course	Joint Tactical Information Distri- bution System (JTIDS)	FMF Duty: MACS Non-FMF Duty: MCTSSA/MCCES
Cpl 5963			FMF Duty: MACS/LAAD Bn/Btry Non-FMF Duty: MACS (R)/MCTSSA/ MCCES
LCpl-Pvt 5963	Tactical Air Operations Module Repairer Course Avenger System Repair Course		FMF Duty: MACS Non-FMF Duty: MACS (R)/MCTSSA/ MCCES

Figure 3-28.--Electronics Maintenance Career Structure Chart

3135. OCCUPATIONAL FIELD 60/61/62, AIRCRAFT MAINTENANCE

1. Introduction. The aircraft maintenance OccFlds includes direct and indirect support of the total airframes and power plant package of all aviation aircraft weapons systems. While there is similarity in the skills required to provide this support, the systems being supported are diverse. The following examples are provided: direct support-repair and servicing at the organizational maintenance activity which is normally accomplished on aircraft, e.g., preflight and servicing of aircraft and their systems; indirect support-repair of components at the intermediate maintenance activity which is normally accomplished off aircraft, e.g., hydraulic actuators, servos, and accumulators, aircraft engines, and transmissions. Marines entering these fields receive MOS 6000, Basic Aircraft Maintenance Marine, and then progress through specific hard skill MOSs. After completion of formal training, Marines are qualified to maintain airframes and aircraft components. The opportunity to participate in a formal apprenticeship program leading to receipt of a Department of Labor Certification of Apprenticeship Completion maybe available in some MOSs within OccFlds 60/61/62; refer to MCO 1550.22 for specific information concerning this program. As the Marine progresses, repair and administrative requirements for multiple systems take on an equal importance until the Marine is placed in a management/supervisory position. Billets for both repair and administration are varied and extend from the squadron level to staff positions at the wing, force commander, and Headquarters U.S. Marine Corps level.

2. MOS 6012, Aviation Maintenance Controller/Production Controller (GySgt to Sgt) NMOS (any PMOS from 60/61/62/63/64/65/73)

a. Summary. Aviation maintenance controllers/production controllers are responsible for planning, directing, and controlling the performance and execution of Aviation Maintenance Department functions at the organizational and intermediate levels. They are responsible for technician aircraft maintenance and aeronautical repair that ensure the unit's combat readiness or ability to perform its mission. They must be able to establish department goals and to develop the plans to meet those goals. A high level of expertise is required to supervise the execution of the various tasks encompassed within the wide spectrum of aviation maintenance matters. They must possess a detailed, working knowledge of all Navy-sponsored aviation maintenance programs and processes governed by COMNAVAIRFORINST 4790 (series). In addition, aviation maintenance controllers/production controllers must have detailed knowledge of the Naval Aviation Logistics Command Management Information Systems (NALCOMIS).

b. Requirements/Prerequisites

(1) Must be skill qualified in a primary MOS from any of the following OccFlds: 60/61/62, Aircraft Maintenance; 63/64, Avionics; 65, Aviation Ordnance; 73, Navigation Officer and Enlisted Flight Crews.

(2) Recommend completion the Senior Enlisted Aviation Maintenance (SEAM) Course (C-600-3210) at NAMTRAGRUDET Oceana, VA; Jacksonville, FL; North Island, CA; Whidbey Island, WA, or be designated Safe for Flight (SFF) IAW the COMNAVAIRFORINST 4790.

c. Duties

(1) Plans, organizes, directs, and manages the maintenance and repairs of aircraft, aircraft components, and aviation support equipment.

(2) Directs and manages the scheduling of aircraft, aircraft components, and aviation support equipment inspections.

(3) Informs the Aircraft Maintenance Officer of work progress and advises them on matters pertaining to maintenance and repairs of aircraft, aircraft components, and aviation support equipment.

(4) Ensures the material condition and mission capability of weapons systems.

(5) Directs and monitors requisitioning, receipt, and allocations of materials, tools, aircraft components, and aviation support equipment.

(6) Ensures compliance with applicable technical publications through the use of maintenance instruction manuals for the appropriate type/model/series aircraft, associated systems, aviation support equipment, aeronautical components, and aviation equipment.

(7) Ensures all aircraft, aircraft components, and aviation support equipment maintenance data is collected and properly disseminated.

(8) Works closely with the Aviation Supply Department to ensure the required materials, components, and tools are available for use.

d. Related DOT Classification/DOT Code. Superintendent, Maintenance 184.167-174.

e. Related Military Skill. None.

3. MOS 6018, Aviation Quality Assurance Representative (QAR), Collateral Duty Quality Assurance Representative (CDQAR), and Collateral Duty Inspector (CDI) (MGySgt to Cpl) NMOS (any PMOS from 60/61/62/63/64/65/73)

a. Summary. Commanding Officers are responsible for the inspection and quality of materials under their cognizance; however, aviation quality assurance representatives, collateral duty quality assurance representatives, and collateral duty inspectors are accountable to the quality assurance officer and aircraft maintenance officer within the Maintenance Department. These QARs, CDQARs, and CDIs are fundamentally responsible for the prevention of the occurrence of defects. The concept embraces all events from the start of the maintenance operation to its completion. They must possess a detailed, working knowledge of all Navy-sponsored aviation maintenance programs and processes governed by COMNAVAIRFORINST 4790 (series).

b. Requirements/Prerequisites

(1) Must be skill qualified in a primary MOS from any of the following OccFlds: 60/61/62, Aircraft Maintenance; 63/64 Avionics; 65, Aviation Ordnance; or 73, Navigation Officer and Enlisted Flight Crews.

(2) Must be nominated by the Aircraft Maintenance Officer.

c. Duties. Comply with COMNAVAIRFORINST 4790 (series), and/or Local Command Procedures and CDIs.

d. Related DOT Classification/DOT Code. None.

e. Related Military Skill. None.

4. MOS 6019, Aircraft Maintenance Chief (MGySgt and MSgt) PMOS

a. Summary. Aircraft maintenance chiefs supervise the establishment and functions of a fixed-wing/helicopter/tiltrotor/unmanned aerial vehicle maintenance and repair activity. They assist in directing, supervising, and coordinating the activities of aviation-enlisted personnel performing aircraft maintenance duties. They prepare or supervise the preparation of reports, correspondence, schedules, and rosters pertaining to an aircraft maintenance and repair activity. They assist and act as the senior enlisted maintenance advisor to the aircraft maintenance officer in areas of enlisted performance, billet requirements, aviation training, and manning within the aircraft maintenance department. They coordinate and manage aviation maintenance/enlisted aircrew Marines within the squadron, group, wing, MARFOR, and HQMC levels.

b. Requirements/Prerequisites

(1) Must be a qualified MOS 60XX, 61XX, or 62XX.

(2) Must have a secret security clearance.

c. Duties

(1) MGySgt and MSgt:

(a) Supervises and manages all enlisted MOSs within the aircraft maintenance department.

(b) Perform administrative and supervisory functions required in the operation of an aircraft maintenance activity ashore and afloat.

(c) Assists in directing, supervising, and coordinating the activities of enlisted personnel performing aircraft maintenance duties.

(2) MGySgt: Performs capably without supervision.

d. Related DOT Classification/DOT Code. Superintendent, Aircraft Maintenance 184.167-174.

e. Related Military Skill. None.

5. MOS 6023, Aircraft Power Plants Test Cell Operator (GySgt to Cpl) NMOS (6122, 6123, 6124, 6222, 6223, 6226, 6227)

a. Summary. Aircraft power plants test cell operators, inspect, test, and perform corrective maintenance to aircraft gas turbine engines and engine systems. Perform test cell operations and minor repairs to test cells. This MOS will be assigned only to qualified aircraft power plants mechanics, MOSs 6122, 6123, 6124, 6222, 6223, 6226, and 6227.

b. Requirements/Prerequisites

(1) Complete appropriate OJT and/or other applicable course(s) of instruction.

(2) Must be qualified in one of the aircraft power plants MOSs.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6023.

d. Related DOT Classification

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill

(1) Aircraft Mechanic, 6112 to 6116, and 6212 to 6217.

(2) Aircraft Power Plants Mechanic, 6122 to 6124, and 6222 to 6227.

6. MOS 6033, Aircraft Nondestructive Inspection Technician (GySgt to Cpl) NMOS (6062 and 6092)

a. Summary. Aircraft nondestructive inspection technicians perform nondestructive testing of metals in aircraft structures and aircraft/engine components. This MOS will be assigned only to qualified Aircraft Structures or Hydraulic Pneumatic Mechanics, MOSs 6062 and 6092.

b. Requirements/Prerequisites

(1) Must be a qualified Structures Mechanic, MOS 6092, or a qualified Hydraulics/Pneumatic Mechanic, MOS 6062.

(2) Minimum 12 months MOS credibility in the rank of SSgt to Cpl.

(3) Complete ionizing radiation pre-placement physical IAW NAVMEDP 5055.

(4) Must have a minimum AFQT score of 55, or a minimum GT score of 105.

(5) Must have a minimum 30 months time in service.

(6) Minimum 24 months obligated service upon completion of the Nondestructive Inspection Technician Course.

(7) Complete the Naval Aircraft Nondestructive Inspection Technician Class, at NATTC, NAS Pensacola, FL.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6033.

d. Related DOT Classification/DOT Code. Airframe and Power Plant Mechanic 621.281-014.

e. Related Military Skill. None.

7. MOS 6042, Individual Material Readiness List (IMRL) Asset Manager (MGySgt to Pvt) PMOS

a. Summary. Individual material readiness list asset managers manage Individual Material Readiness List (IMRL) asset inventories on Local Asset Management Systems (LAMS), as set forth by the Naval Aviation Maintenance program (NAMP) and the Aircraft Maintenance Material Readiness List (AMMRL) Program at IMRL

program reporting activities. They manage IMRL assets at the organizational and immediate levels of maintenance, aviation wings, and Support Equipment Controlling Authorities (SECA). They use logistical management techniques, supply procedures, technical publications, and automated data processing equipment to conduct, reconcile, and report IMRL assets inventories; acquire and dispose of IMRL assets; train subordinate IMRL asset managers, and conduct liaison with other SECAs.

b. Requirements/Prerequisites

- (1) Must possess a GT score of 100 or higher.
- (2) Must have normal color vision.
- (3) Complete appropriate formal school at NAS Meridian, MS (IMRL Asset Manager Course C-555-2020).
- (4) Must be eligible for a secret security clearance.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6042.

d. Related DOT Classification/DOT Code. None.

e. Related Military Skill. None.

8. MOS 6043, Aircraft Welder (GySgt to LCpl) NMOS (6092)

a. Summary. Aircraft welders fabricate and repair aircraft metals through basic welding using the Gas/Tungston/Arc/Welding (GTAW) process on aluminum alloys, steel alloys, stainless steel alloys, and precipitating hardening nickel based alloys. This MOS will be assigned only to qualified Aircraft Structures Mechanics, MOS 6092.

b. Requirements/Prerequisites

- (1) Qualified as an Aircraft Structures Mechanic, MOS 6092.
- (2) Must have vision better than 20/30 for long distance with good depth perception.
- (3) Must have normal color perception.
- (4) Complete appropriate formal school of instruction (NADEP welding Course #N-701-0007 only).

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6043.

d. Related DOT Classification/DOT Code

- (1) Welder, Combination 819.384-010.
 - (2) Welding Supervisor 819.381-014.
- e. Related Military Skill. Metal Worker, 1316.

9. MOS 6046, Aircraft Maintenance Administration Specialist (MGySgt to Pvt) PMOS

a. Summary. Aircraft maintenance administration specialist maintain aircraft log books, naval aircraft maintenance publications/files, and prepare reports, logs records, directives, and correspondence in an aircraft maintenance and repair activity. Initial formal training is at the Aviation Maintenance Administration Course at the Naval Air Station, Meridian, MS. Additionally, they receive training as data processing equipment operators, perform duties on data entry equipment, and supervise the maintenance administration functions within the unit. They are required to set up, operate, and perform minor maintenance on Naval Aviation Logistics Command Management Information System (NALCOMIS) hardware and its associated remote peripheral subsystems. The operator is formally trained at the Data Analysis course at the Naval Air Technical Training Center (NATTC), Pensacola, FL. Aircraft maintenance administration specialists who have successfully completed the Data Analysis Course analyze control charts and program maintenance and man-hour statistical information to aid the maintenance managers and logisticians in the performance of their assigned tasks.

b. Requirements/Prerequisites

- (1) Must be a U. S. citizen.
- (2) Must possess a GT score of 100 or higher.
- (3) Must have normal color perception.
- (4) Must have a confidential security clearance.
- (5) Basic PC operation/word processing with the capability of 15 words per minute.
- (6) Complete the appropriate formal "A" school, Aviation Maintenance Administration Course, Meridian, MS.
- (7) Complete the appropriate formal "C" school, Data Analysis Course, Pensacola, FL (sergeants and above).

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6046.

d. Related DOT Classification/DOT Code

- (1) Aircraft Log Clerk.
- (2) Computer Peripheral Equipment Operator 213.382-010.
- (3) Maintenance Data Analysis 221.367.038.

e. Related Military Skill. None.

10. MOS 6048, Flight Equipment Technician (GySgt to Pvt) PMOS

a. Summary. Flight equipment technicians inspect, maintain, and repair parachutes; flight survival equipment; flight equipment; carbon dioxide, and gaseous and liquid oxygen equipment.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aircrew Survival Equipment Man Common Core Class and the Aircrew Survival Equipment Man Intermediate Level Strand Class, at NATTC, NAS Pensacola, FL.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6048.

d. Related DOT Classification/DOT Code

- (1) Survival Equipment Repairer 739.381-054.
- (2) Parachute Rigger 912.684-010.

e. Related Military Skill. Aircraft Safety Equipment Mechanic, MOSS 6282 to 6287.

11. MOS 6049, NALCOMIS Application Administrator/Analyst (MGySgt to Sgt) NMOS (6046)

a. Summary. NALCOMIS application administrator/analyst performs data analysis and trend interpretation for developing statistical process control methods in support of aviation information and readiness reporting requirements. Operate and maintain the NALCOMIS application for Marine Aviation Logistic Squadrons or Organizational Maintenance Activities. Additional functions include; use of office automation applications, graphic presentations design and delivery, maintain database integrity on assigned database management servers, collect and organize data, monitor and ensure accuracy of maintenance data, and support network systems administration functions for detachments and up line reporting.

b. Requirements/Prerequisites

(1) Must be skill qualified as an Aircraft Maintenance Administration Specialist (MOS 6046).

(2) Must have a satisfactory performance in primary MOS duties for a period of 12 months.

(3) Must have a minimum of 24 months service remaining.

(4) Must have a minimum of WK/AR combined score of 105.

(5) Complete one of the NALCOMIS Aviation Information Systems Administrator/Analyst training tracks, NALCOMIS Aviation Maintenance IMA System Administrator/Analyst Pipeline, or NALCOMIS Aviation Maintenance OMA System Administrator/Analyst Pipeline at NATTC Pensacola, FL upon initial assignment to an IMA or OMA billet. Personnel reassigned to a different OMA/IMA billet after completing one of the training tracks above must attend one of the following strands: NALCOMIS Aviation Maintenance IMA Database Administrator/Analyst Strand, or NALCOMIS Aviation Maintenance OMA Database Administrator/Analyst Strand, at NATTC Pensacola,

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20. Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6049.

d. Related DOT Classification/DOT Code

(1) Computer Peripheral Equipment Operator 213.382-010.

(2) Maintenance Data Analyst 221.367-038

e. Related Military Skill. None.

12. MOS 6062, Aircraft Intermediate Level Hydraulic/Pneumatic Mechanic (GySgt to Pvt) PMOS

a. Summary. Aircraft intermediate level hydraulic/pneumatic mechanics inspect, maintain, and repair aircraft intermediate level hydraulic/pneumatic system components.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" schools, Aviation Structural Mechanic Core NATTC, NAS Pensacola, FL.

(4) Complete USMC Aircraft Hydraulic Components Intermediate Maintenance, at CNATTU NAS LeMoore, CA or CNATT Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6062.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Pneumatic Tester and Mechanic 621.381-022.

e. Related Military Skill. None.

13. MOS 6072, Aircraft Maintenance Support Equipment Hydraulic/Pneumatic/Structures Mechanic (GySgt to Pvt) PMOS

a. Summary. Aircraft maintenance support equipment hydraulic/pneumatic/structures mechanics inspect, maintain, repair, and test aircraft maintenance support equipment (SE), hydraulic/pneumatic/structures systems and system components. Perform duties related to the operation of support equipment. Perform duties related to the licensing of aircraft maintenance personnel in the operation of support/special support equipment.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school at NATTC, NAS Pensacola FL.

(4) Complete the appropriate formal "C" schools at CNATTU, NAS North Island, CA or CNATTU, NAS Jacksonville, FL.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6072.

d. Related DOT Classification/DOT Code

(1) Automobile Mechanic 620.261-010.

(2) Aviation support Equipment Repairer 639.281-010.

e. Related Military Skill

(1) Engineer Equipment Mechanic, 1341.

(2) Organizational Automotive Mechanic, 3521.

14. MOS 6073, Aircraft Maintenance Support Equipment Electrician/Refrigeration Mechanic (GySgt to Pvt) PMOS

a. Summary. Aircraft maintenance support equipment electricians/refrigeration mechanics install, inspect, test, maintain and repair aircraft support equipment (SE), electrical/instrument and refrigeration and air conditioning equipment, systems and accessories.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Support Equipment Technical Class A1, at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, Support Equipment Electrical/Refrigeration Intermediate Maintenance at CNATT, NAS North Island, CA or CNATT, NAS Jacksonville, FL.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6073.

d. Related DOT Classification/DOT Code. Refrigeration Mechanic 637.261-026.

e. Related Military Skill. Refrigeration Mechanic, 1161.

15. MOS 6074, Cryogenics Equipment Operator (GySgt to Pvt) PMOS

a. Summary. Cryogenics equipment operators assemble, operate, and maintain liquid oxygen/nitrogen generating plants, storage and aircraft servicing equipment, vaporizing equipment, vacuum pumps, and LOX tank purging units. They operate and maintain purity analysis test equipment to ensure product acceptability.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal combined "A" and "C" school at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6074.

d. Related DOT Classification/DOT Code

(1) Oxygen Plant Operator 552.362-014.

(2) Tester, Compressed Gases 549.364-010.

e. Related Military Skill. None.

16. MOS 6092, Aircraft Intermediate Level Structures Mechanic (GySgt to Pvt) PMOS

a. Summary. Aircraft intermediate level structures mechanics inspect, maintain, and repair aircraft intermediate level structural components.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core, at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, Airframes Intermediate Maintenance at CNATT NAS Lemoore, CA or CNATT Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4970.20. Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6092.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

17. MOS 6111, Helicopter/Tiltrotor Mechanic-Trainee (GySgt to Pvt) PMOS

a. Summary. Helicopter/Tiltrotor mechanics-trainees, under instruction or close supervision, train for one of the helicopter/tiltrotor mechanic MOSs.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

c. Duties. Performs duties under instruction.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

18. MOS 6112, Helicopter Mechanic, CH-46 (GySgt to Pvt) PMOS

a. Summary. Helicopter mechanics, CH-46; inspect and maintain helicopter airframes and airframe components and perform duties relating to flight line operation.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for the CH-46 aircraft must be completed.

(4) Complete the appropriate formal combined "A" and "C" school, CH-46 Power Plants Power Trains and Rotors Organizational Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20. Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6112.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter Power Plants Mechanic, 6122.

19. MOS 6113, Helicopter Mechanic, CH-53 (GySgt to Pvt) PMOS

a. Summary. Helicopter mechanics, CH-53; inspect and maintain helicopter airframes and airframe components and perform duties relating to flight line operation.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for the CH-53 aircraft must be completed.

(4) Complete the appropriate formal combined "A" and "C" school, Power Plants and Related Systems Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6113.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter Power Plants Mechanic, 6123.

20. MOS 6114, Helicopter Mechanic, UH/AH-1 (GySgt to Pvt) PMOS

a. Summary. Helicopter mechanics, UH/AH-1; inspect and maintain helicopter airframes and airframe components and perform duties relating to flight line operation.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for the UH/AH-1 aircraft must be completed.

(4) Complete the appropriate formal combined "A" and "C" school, AH-1W and UH-1N Power Plants Power Trains and Rotors Maintenance at CNATT MAR Unit, MCAS Camp Pendleton, CA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6114.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter Power Plants Mechanic, 6124.

21. MOS 6116, Tiltrotor Mechanic, MV-22 (GySgt to Pvt) PMOS

a. Summary. Tiltrotor mechanics, MV-22; inspect and maintain tiltrotor airframes and airframe components and perform duties relating to flight line operation.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for The VM-22 aircraft must be completed.

(4) Complete the appropriate formal combined "A" and "C" school, V-22 Tiltrotor Mechanic Course at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6116.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. None.22. MOS 6122, Helicopter Power Plants Mechanic, T-58 (GySgt to Pvt) PMOS

a. Summary. Helicopter power plants mechanics, T-58, inspect, maintain, test, repair, and perform complete repair of helicopter power plants and power plants systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class and Aviation Machinist Mate Helicopter Fundamentals Strand Class at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, T-58 Engine First Degree Intermediate Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6122.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Mechanic, 6112.23. MOS 6123, Helicopter Power Plants Mechanic, T-64 (GySgt to Pvt) PMOS

a. Summary. Helicopter power plants mechanics, T-64; inspect, maintain, test, repair, and perform complete repair of helicopter power plants and power plants systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class and Aviation Machinist Mate Helicopter Fundamentals Strand Class at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, T-64 Power Plant Intermediate Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6123.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Mechanic, 6113.

24. MOS 6124, Helicopter Power Plants Mechanic, T-400/T-700 (GySgt to Pvt) PMOS

a. Summary. Helicopter power plants mechanics, T-400/T-700; inspect, maintain, test, repair, and perform complete repair of helicopter power plants and power plants systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class and Aviation Machinist Mate Helicopter Fundamentals Strand Class at NATTC, NAS Pensacola, FL or NAS North Island, CA.

(4) Complete the appropriate formal "C" school, T400 Series Engine First Degree Intermediate Maintenance at CNATT MAR Unit, MCAS Camp Pendleton, CA and T700-GE-401/401C Engine Intermediate Maintenance CNATT, NS Mayport, FL or Engine Intermediate Maintenance (First Degree) CNATT NAS North Island, CA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6124.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Mechanic, 6114.

25. MOS 6132, Helicopter/Tiltrotor Dynamic Components Mechanic (GySgt to Pvt) PMOS

a. Summary. Helicopter/Tiltrotor dynamic components mechanics inspect, maintain, test and repair helicopter/tiltrotor dynamic components.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal combined "A" and "C" school, Helicopter Dynamic Component Intermediate Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6132.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Power Plants Mechanic, 6122 to 6124.

26. MOS 6152, Helicopter Airframe Mechanic, CH-46 (GySgt to Pvt) PMOS

a. Summary. Helicopter airframe mechanics, CH-46; inspect, maintain, and repair helicopter airframe systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and the Aviation Structural Mechanic Organizational Level Strand at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, CH-46 Structural and Hydraulic Systems Organizational Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6152.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Aircraft Body Repair 807.261-010.

(3) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Airframe Mechanic, 6252 to 6257.

27. MOS 6153, Helicopter Airframe Mechanic, CH-53 (GySgt to Pvt) PMOS

a. Summary. Helicopter airframe mechanics, CH-53; inspect, maintain, and repair helicopter airframe systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and the Aviation Structural Mechanic Organizational Level Strand at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, CH-53D/E Airframes Organizational Maintenance at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6153.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Aircraft Body Repair 807.261-010.

(3) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Airframe Mechanic, 6252-6257.

28. MOS 6154, Helicopter Airframe Mechanic, UH/AH-1 (GySgt to Pvt) PMOS

a. Summary. Helicopter airframe mechanics, UH/AH-1; inspect, maintain, and repair helicopter airframe systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural mechanic Core and the Aviation Structural Mechanic Organizational Level Strand at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, H-1 Airframes Organizational Maintenance at CNATT MAR Unit, MCAS Camp Pendleton, CA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6154.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Aircraft Body Repair 807.261-010.

(3) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Airframe Mechanic, 6252 to 6257.

29. MOS 6156, Tiltrotor Airframe Mechanic, MV-22 (GySgt to Pvt) PMOS

a. Summary. Tiltrotor airframe mechanics, MV-22; inspect, maintain, and repair tiltrotor airframe systems.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and the Aviation Structural Mechanic Organizational level Strand at NATTC, NAS Pensacola, FL.
- (4) Complete the appropriate formal "C" school, V-22 Airframes Structures Course (Osprey) at CNATT MAR Unit, MCAS New River, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6156.

d. Related DOT Classification/DOT Code

- (1) Airframe and Power Plant Mechanic 621.281-014.
- (2) Aircraft Body Repair 807.261-010.
- (3) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Airframe Mechanic, 6252 to 6257.

30. MOS 6162, Presidential Support Specialist (MGySgt to LCpl) NMOS (any PMOS from 25/58/60/61/63/64/65/66/70)

a. Summary. Presidential support specialists perform duties incident to the mission of the executive flight detachment of HMX-1.

b. Requirements/Prerequisites

(1) Skill qualified in a primary MOS from any of the following OccFlds: 58, Military Police and Corrections; 60/61, Aircraft Maintenance; 63/64, Avionics; 65, Aviation Ordnance; 66, Aviation Supply; or 70, Airfield Services.

(2) Must possess a top-secret security clearance.

(3) Must possess a Yankee White (YW) access.

(4) Satisfactory performance of the below-listed duties for the initial 6 months of assignment to the HMX-1 executive flight detachment.

c. Duties

- (1) Maintains, distributes, repairs, inspects, tests, crews, and provides security for HMX-1 executive flight detachment helicopter airframes and components.
- (2) Performs duties relating to the HMX-1 presidential support mission.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

31. MOS 6172, Helicopter Crew Chief, CH-46 (GySgt to Pvt) PMOS

a. Summary. Helicopter crew chiefs, CH-46, are flight crewmembers that perform duties incident to the maintenance and operation of Marine CH-46 helicopters.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Must be eligible for a secret security clearance.
- (4) Volunteer for duties involving flight as an aircraft crewmember.
- (5) Must be a 2d class swimmer or higher.
- (6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.
- (7) Complete the Naval Aviation Air crewman Candidate School at NATTC, NAS Pensacola, FL.
- (8) Complete Survival, Evasion, Resistance and Escape (SERE) School at Brunswick, ME.
- (9) Complete the appropriate formal combined "A" and "C" school, CH-46 (SR&M) Crew Chief Training Syllabus at CNATT Mar Unit, MCAS New River, NC.
- (10) Complete the appropriate "C" school, (SR&M) Crew Chief Course at HMM (T)-164 FRS (Flight Training) MCAS Camp Pendleton, CA.
- (11) Must Complete the Plane Captain (PC) Ground Syllabus for type aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.50, Aviation Training and Readiness (T&R) Manual, and MCO P4790.20, Maintenance Training Management and Evaluation program (MATMEP) for MOSs 6112/72.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill. Helicopter Mechanic, 6112.

32. MOS 6173, Helicopter Crew Chief, CH-53 (GySgt to Pvt) PMOS

a. Summary. Helicopter crew chiefs, CH-53; are flight crewmembers that perform duties incident to the maintenance and operation of Marine CH-53 helicopters.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Must be eligible for a secret security clearance.

- (4) Volunteer for duties involving flight as an aircraft crewmember.
 - (5) Must be a 2d class swimmer or higher.
 - (6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.
 - (7) Complete the Naval Aviation Air crewman Candidate School at NATTC, NAS Pensacola, FL.
 - (8) Complete Survival, Evasion, Resistance, and Escape (SERE) School at Brunswick, ME.
 - (9) Complete the appropriate formal (combined) "A" and "C" school, CH-53E Crew Chief Training Syllabus at CNATT MAR Unit, MCAS New River, NC.
 - (10) Complete the appropriate formal "C" school, CH-53E Crew Chief Training Syllabus at CNATT MAR Unit, MCAS New River, NC.
 - (11) Must complete the Plane Captain (PC) Ground syllabus for type aircraft.
- c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.51, Aviation Training and Readiness (T&R) Manuals, and MCO P4790.20, Maintenance Training Management and Evaluation program (MATMEP) for MOSs 6113/6173.
 - d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.
 - e. Related Military Skill. Helicopter Mechanic, 6113.

33. MOS 6174, Helicopter Crew Chief, UH-1 (GySgt to Pvt) PMOS

- a. Summary. Helicopter crew chiefs, UH-1; are flight crewmembers that perform duties incident to the maintenance and operation of Marine UH-1 helicopters.
- b. Requirements/Prerequisites
 - (1) Must possess an MM score of 105 or higher.
 - (2) Must have normal color perception.
 - (3) Must be eligible for a secret security clearance.
 - (4) Volunteer for duties involving flight as an aircraft crewmember.
 - (5) Must be a 2d class swimmer or higher.
 - (6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.
 - (7) Complete the Naval Aviation Air crewman Candidate School at NATTC, NAS Pensacola, FL.
 - (8) Complete Survival, Evasion, Resistance, and Escape (SERE) School at Brunswick, ME.

(9) Complete the appropriate formal "A" and "C" school, UH-1 Crew Chief Training Syllabus at CNATT MAR Unit, MCAS Camp Pendleton, CA.

(10) Complete the appropriate formal "C" school, UH/HH-1 Marine enlisted Aircrew at HMT-303 FRS (Flight Training) MCAS Camp Pendleton, CA.

(11) Must complete the Plane Captain (PC) Ground Syllabus for type aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.49, Aviation Training and Readiness (T&R) Manuals, and MCO P4690.20, Maintenance Training Management and Evaluation program (MATMEP) for MOSs 6114/6174.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill. Helicopter Mechanic, 6114.

34. MOS 6176, Tiltrotor Crew Chief, MV-22 (GySgt to Pvt) PMOS

a. Summary. Tiltrotor crew chiefs, MV-22; are flight crewmembers who perform duties incident to the maintenance and operation of Marine MV-22 Tiltrotor Aircraft.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Must be eligible for a secret security clearance.

(4) Volunteer for duties involving flight as an aircraft crewmember.

(5) Must be a 2d class swimmer or higher.

(6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.

(7) Complete the Naval Aviation Air crewman Candidate School at NATTC, NAS Pensacola, FL.

(8) Complete Survival, Evasion, Resistance, and Escape (SERE) School at Brunswick, ME.

(9) Complete the appropriate formal "A" and "C" school, V-22 Tiltrotor Mechanic Course (Osprey) at CNATT MAR Unit, MCAS New River, NC.

(10) Complete the appropriate formal "C" school, V-22 Tiltrotor Crew Chief Osprey at VMMT-204, (Flight Training) MCAS New River, NC.

(11) Complete the appropriate formal "C" School, V-22 Tiltrotor Marine Enlisted Aircrew Training Course (Osprey) at VMMT-204, (Flight Training) MCAS New River, NC.

(12) Must complete the Plane Captain (PC) Ground Syllabus for types aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.34, Aviation Training and Readiness (T&R) Manual, and MCO P4790.20, Maintenance Training Management and Evaluation program (MATMEF) for MOSS 6116/76.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill. Tiltrotor Mechanic, 6116.

35. MOS 6177, Weapons and Tactics Crew Chief Instructor (MGySgt to LCpl) NMOS (6172, 6173, 6174, 6176)

a. Summary. The weapons and tactics crew chief instructors train qualified crew chiefs in the weapons system for operation in a threat environment.

b. Requirements/Prerequisites

(1) Designated helicopter/tiltrotor crew chief.

(2) Graduate of the MAWTS-1 WTCCI course.

(3) Must have a final secret security clearance.

c. Duties

(1) Assist in the instruction of crew chiefs and aerial gunners/observers in the development of their tactical proficiency.

(2) Provides instruction in the operation and employment of the weapons system.

(3) Performs classroom and flight instruction on various facets of the weapons system.

(4) Instructs on current enemy capabilities and the tactics to counter enemy threats.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

36. MOS 6178, VH-60N Presidential Helicopter Crew Chief (MGySgt to LCpl) NMOS (any PMOS from 60/61/63/64/65)

a. Summary. Presidential helicopter crew chiefs are flight crewmembers that perform duties incident to the maintenance and operation of Marine VH-60N helicopters of the Executive Flight Detachment at HMX-1.

b. Requirements/Prerequisites

(1) Must have normal color perception.

(2) Must possess a top-secret security clearance.

(3) Must possess a Yankee White (YW) access.

(4) Volunteer for duties involving flight as an aircraft crewmember.

(5) Must be a 2d class swimmer or higher.

(6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.

(7) Skill qualified in a primary MOS from any of the following OccFlds: 60/61, Aircraft Maintenance; 63/64, Avionics; 65, Aviation Ordnance.

(8) Satisfactory performance in primary MOS duties for the initial 6 months of assignment to the HMX-1 Executive Flight Detachment.

(9) Must complete the Plane Captain (PC) Ground Syllabus for type aircraft.

(10) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the VH-60N helicopter.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6178.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill. Helicopter Mechanic, 611X.

37. MOS 6179, VH-3D Presidential Helicopter Crew Chief (MGySgt to LCpl) NMOS (any PMOS from 60/61/63/64/65)

a. Summary. Presidential helicopter crew chiefs are flight crewmembers that perform duties incident to the maintenance and operation of Marine VH-3D helicopters of the Executive Flight Detachment at HMX-1.

b. Requirements/Prerequisites

(1) Must have normal color perception.

(2) Must possess a top-secret security clearance.

(3) Must possess a Yankee White (YW) access.

(4) Volunteer for duties involving flight as an aircraft crewmember.

(5) Must be a 2d class swimmer or higher.

(6) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.

(7) Skill qualified in a primary MOS from any of the following OccFlds: 60/61, Aircraft Maintenance; 63/64, Avionics; 65, Aviation Ordnance.

(8) Satisfactory performance in primary MOS duties for the initial 6 months of assignment to the HMX-1 Executive Flight Detachment.

(9) Must complete the Plane Captain (PC) Ground syllabus for type aircraft.

(10) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the VH-3D helicopter.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6179.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill. Helicopter Mechanic, 611X.

38. MOS 6199, Enlisted Aircrew/Aerial Observer/Gunner (MGySgt to Pvt) FMOS

a. Summary. Enlisted aircrew/aerial observers/aerial gunners are flight crewmembers that perform duties incident to the operation of Marine helicopters and tiltrotor aircraft.

b. Requirements/Prerequisites

(1) Must have normal color perception.

(2) Must be eligible for a secret security clearance.

(3) Volunteer for duties involving flight as an aircraft crewmember.

(4) Must be a 2d class swimmer or higher.

(5) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.

(6) Complete all requirement contained in appropriate NATOPS Manual or syllabi peculiar to the aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.16, Aviation Training and Readiness (T&R) Manuals.

d. Related DOT Classification/DOT Code. None.

e. Related Military Skill. None.

39. MOS 6212, Fixed-Wing Aircraft Mechanic, AV-8/TAV-8 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft mechanics, AV-8/TAV-8; inspect and maintain aircraft airframes and airframe components and perform duties relating to flight line operations.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal vision.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for AV-8/TAV-8 aircraft must be completed.

(4) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC NAS Pensacola, FL.

(5) Complete the appropriate formal "C" school, AV-8 Aircraft mechanic Organizational Maintenance at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6212.

d. Related DOT Classification/DOT Code

(1) Airframe-and-Power-Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Power Plants Mechanic, 6222.

40. MOS 6213, Fixed-Wing Aircraft Mechanic, EA-6 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft mechanics, EA-6; inspect and maintain aircraft airframes and airframe components and perform duties relating to flight line operations.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for EA-6 aircraft must be completed.

(4) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL, and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.

(5) Complete the appropriate formal "C" school, EA-6B Power Plants and related Systems (initial) Organizational Maintenance at CNATT, NAS Whidbey Island, WA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.12B, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6213.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Power Plants Mechanic, 6223.

41. MOS 6214, Unmanned Aerial Vehicle (UAV) Mechanic (GySgt to Pvt) PMOS

a. Summary. Unmanned Aerial Vehicle mechanics inspect and maintain UAV airframes and airframe components and perform duties relating to flight line operations.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core at NATTC, NAS Pensacola, FL and Aviation Structural Mechanic Organizational Level Strand Class A1 at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, Pioneer SR-RPV Airframe Mechanic at TW-6 UAV Detachment, NAS Whiting Field, FL.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6214.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. None.

42. MOS 6216, Fixed-Wing Aircraft Mechanic, KC-130 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft mechanics, KC-130; inspect and maintain aircraft airframes and airframe components and perform duties relating to flight line operations.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for KC-130 aircraft must be completed.

(4) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.

(5) Complete the appropriate formal "C" school, KC-130 Aircraft Mechanic Organizational Maintenance and/or KC-130J Aircraft Mechanic Organizational Maintenance Course at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6216.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Power Plants Mechanic, 6226.

43. MOS 6217, Fixed-Wing Aircraft Mechanic, F/A-18 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft mechanics, F/A-18; inspect and maintain aircraft airframes and airframe components, and perform duties relating to flight line operations.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) For career progression, the Plane Captain (PC) Ground Syllabus Familiarization for the F/A-18 aircraft must be completed.
- (4) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.
- (5) Complete the appropriate formal "C" school, F/A-18 Power Plants and Related Systems (initial) Organizational Maintenance at CNATT at CNATTU, NAS Lemoore, CA or CNATTU, Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6217.

d. Related DOT Classification/DOT Code

- (1) Airframe and Power Plant Mechanic 621.281-014.
- (2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Power Plants Mechanic, 6227.

44. MOS 6222, Fixed-Wing Aircraft Power Plants Mechanic, F-402 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft power plants mechanics, F-402, inspect, maintain, test, repair, and perform complete repair of aircraft power plants and power plant systems.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.
- (4) Complete the appropriate formal "C" school, F402-RR-408A/MK.4 CROO305 Gas Turbine Starter (GTS)/F402-44-406A Intermediate Maintenance at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6222.

d. Related DOT Classification/DOT Code

- (1) Airframe and Power Plant Mechanic 621.281-014.
- (2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Mechanic, 6212.

45. MOS 6223, Fixed-Wing Aircraft Power Plants Mechanic, J-52 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft power plants mechanics, J-52; inspect, maintain, test, repair, and perform complete repair of aircraft power plants and power plant systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, J-52 Engine First Degree Intermediate Maintenance at CNATT, NAS Whidbey Island, WA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.12B, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6223.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Mechanic, 6213.

46. MOS 6226, Fixed-Wing Aircraft Power Plants Mechanic, T-56 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft power plants mechanics, T-56; inspect, maintain, test, repair, and perform complete repair of aircraft power plants and power plant systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, Aircraft Power Plants Mechanic T-56 at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6226.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Mechanic, 6216.

47. MOS 6227, Fixed-Wing Aircraft Power Plants Mechanic, F-404 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft power plants mechanics, F-404; inspect, maintain, test, repair, and perform complete repair of aircraft power plants and power plant systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Machinist Mate Common Core Class at NATTC, NAS Pensacola, FL and Aviation Machinist Mate Turbojet Aircraft Fundamentals Strand Class A1 at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, F404-GD-400/402 Engine First Degree Intermediate Maintenance at CNATTU, NAS Lemoore, CA or CNATTU, Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6227.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Fixed-Wing Aircraft Mechanic, 6217.

48. MOS 6242, Fixed-Wing Aircraft Flight Engineer, KC-130 (MGySgt to Sgt) NMOS (6276)

a. Summary. Fixed-Wing aircraft flight engineers, KC-130; monitor all aircraft systems and operate the flight engineer's panel during flight operations. Assist the pilot/copilot in preflight and postflight inspections of the aircraft, supervise servicing functions and record all discrepancies upon completion of flight. Perform the duties of the aircraft mechanic, aircraft power plants mechanic, and KC-130 flight mechanic.

b. Requirements/Prerequisites

(1) Must be qualified in MOS 6276.

(2) Must possess a secret security clearance.

(3) Four years of obligated service upon assignment of MOS 6242.

(4) Complete CNATT MAR UNIT Crs M-050-0418 (Flight Engineer Ground School).

(5) Complete VMGRT-253 FRS flight Training requirement as specified in the appropriate NATOPS Manual and outlined in MCO P3500.15, Aviation Training and Readiness (T&R) Manual.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.15, Aviation Training and Readiness (T&R) Manuals, and MCO P4790.20, Maintenance Training Management and Evaluation program (MATMEP) for MOSs 6232/6242.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Flight Engineer 621.261-018.

(3) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill

(1) Fixed-Wing Aircraft Mechanic, 6216.

(2) Fixed-Wing Aircraft Power Plants Mechanic, 6226.

(3) Fixed-Wing Aircraft Flight Mechanic, 6232.

49. MOS 6243, Fixed-Wing Transport Aircraft Specialist, C-9 (MGySgt to LCpl) NMOS (any PMOS from 60/61/62/63/64)

a. Summary. Ground maintenance technicians and crew chiefs are responsible to perform duties incident to the maintenance and operation of Marine C-9 Fixed-Wing Transport Aircraft at VMR-1.

b. Requirements/Prerequisites

(1) Must be skill qualified in a primary MOS from any of the following OccFlds: 60/61/62, Aircraft Maintenance; 63/64, Avionics.

(2) Satisfactory performance in primary MOS duties for the initial 6-months of assignment to VMR-1.

(3) Must volunteer for aircrew training.

(4) Complete appropriate C-9 Airframes and Systems Training Course and Flight Safety International (FSI) C-9 Systems Introduction Course.

(5) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department.

(6) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the C-9 Fixed-Wing Transport Aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6243.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill

- (1) Fixed-Wing Aircraft Mechanic, 62XX.
- (2) Fixed-Wing Aircraft Flight Engineer, KC-130, 6242.
- (3) Fixed-Wing Aircraft Crew Chief, KC-130, 6276.

50. MOS 6244, Fixed-Wing Transport Aircraft Specialist, C-12 (MGySgt to PFC) NMOS (any PMOS from 60/61/62/63/64)

a. Summary. Transport aircrew men are responsible to perform duties incident to the operation of Marine C-12 Fixed-Wing Transport Aircraft.

b. Requirements/Prerequisites

(1) Must be skill qualified in a primary MOS from any of the following OccFlds: 60/61/62, Aircraft Maintenance; or 63/64, Avionics.

(2) Must have a satisfactory performance in primary MOS duties for the initial 6-month assignment to VMR-1.

(3) Must volunteer for aircrew training.

(4) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department.

(5) Complete all requirements for Water Survival/Water Physiology.

(6) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the C-9 Fixed-Wing Transport Aircraft.

(7) Complete the C-12 Aircraft Systems Course.

(8) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the C-12 Fixed-Wing Transport Aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation programs (MATMEP) for 6244.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.e. Related Military Skill

- (1) Fixed-Wing Aircraft Mechanic, 62XX.
- (2) Fixed-Wing Aircraft Flight Engineer, KC-130, 6242.

51. MOS 6246, Fixed-Wing Transport Aircraft Specialist, C-20 (MGySgt to LCpl) NMOS (any PMOS from 60/61/62/63/64)

a. Summary. Ground maintenance technicians and enlisted aircrews are responsible to perform duties incident to the maintenance and operation of Marine C-20 Fixed-Wing Transport Aircraft at VR-1. This MOS will be assigned as a NMOS only.

b. Requirements/Prerequisites

(1) Must have skill qualified in a primary MOS from any of the following OccFlds: 60/61/62, Aircraft Maintenance; 63/64, Avionics.

(2) Satisfactory performance in primary MOS duties for the initial 6 months of assignment to VMR-1.

(3) Must volunteer for aircrew training.

(4) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department.

(5) Complete appropriate C-20 Mechanical Systems Organizational Maintenance Initial Course, Avionics/Electrical Systems Organizational Maintenance Course at Flight Safety International, Savannah, GA.

(6) Complete all requirement contained in appropriate NATOPS manual or syllabi peculiar to the C-20 Fixed-Wing Transport Aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6246.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

e. Related Military Skill

(1) Fixed-Wing Aircraft Mechanic, 62XX.

(2) Fixed-Wing Aircraft Flight Engineer, KC-130, 6242.

52. MOS 6247, Fixed-Wing Transport Aircraft Specialist, UC-35 (MGySgt to LCpl) NMOS (any PMOS from 60/61/62/63/64)

a. Summary. UC-35 transport specialists are responsible to perform duties incident to the operation of Marine UC-35 Fixed-Wing Transport Aircraft.

b. Requirements/Prerequisites

(1) Must have skills qualified in a primary MOS from any of the following OccFlds: 60\61\62, Aircraft Maintenance; or 63/64, Avionics.

(2) Satisfactory performance in primary MOS duties for the initial 6 months of assignment to VMR-1.

(3) Must volunteer for aircrew training.

(4) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department.

(5) Complete the UC-35 Aircraft Systems Course.

(6) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the UC-35 Fixed Wing Transport Aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6247.

d. Related DOT Classification/DOT Code. Flight Engineer 621.261-018.

53. MOS 6251, Fixed-Wing Aircraft Airframe Mechanic-Trainee (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft airframe mechanic trainees, under instruction or close supervision, train for one of the aircraft airframe systems technician MOSS.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete respirator physical.

c. Duties. Performs duties under instruction.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

54. MOS 6252, Fixed-Wing Aircraft Airframe Mechanic, AV-8/TAV-8 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing Aircraft airframe mechanics, AV-8/TAV-8; inspect, maintain, and repair aircraft hydraulic/pneumatic and structure systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school at Aviation Structural Mechanic Core and Aviation Structural Mechanic Organizational Level Strand at NATTC NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, AV-8B Airframes Organizational Maintenance Course at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6252.

d. Related DOT Classification/DOT Code

(1) Aircraft Body Repairer 807.261-010.

(2) Airframe and Power Plant Mechanic 621.281-014.

(3) Pneumatic Tester and Mechanic 621.381-022.

(4) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Airframe Mechanic, 6152 to 6156.

55. MOS 6253, Fixed-Wing Aircraft Airframe Mechanic, EA-6 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft airframe mechanics, EA-6; inspect, maintain, and repair aircraft hydraulic/pneumatic and structure systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and Aviation Structural Mechanic Organizational Level Strand at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, EA-6B Hydraulic/Structures Systems (initial) Organizational Maintenance at CNATT, NAS Whidbey Island, WA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6253.

d. Related DOT Classification/DOT Code

(1) Aircraft Body Repairer 807.261-010.

(2) Airframe and Power Plant Mechanic 621.281-014.

(3) Pneumatic Tester and Mechanic 621.381-022.

(4) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Airframe Mechanic, 6152 to 6156.

56. MOS 6256, Fixed-Wing Aircraft Airframe Mechanic, KC-130 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft airframe mechanics, KC-130, inspect, maintain, and repair aircraft hydraulic/pneumatic and structure systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and Aviation Structural Mechanic Organizational Level Strand at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, Aircraft Airframe Mechanic KC-130 or KC-130J Aircraft Mechanic Organizational Level at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6256.

d. Related DOT Classification/DOT Code

- (1) Aircraft Body Repairer 807.261-010.
- (2) Airframe and Power Plant Mechanic 621.281-014.
- (3) Pneumatic Tester and Mechanic 621.381-022.
- (4) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Airframe Mechanic, 6152 to 6156.

57. MOS 6257, Fixed-Wing Aircraft Airframe Mechanic, F/A-18 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft airframe mechanics, F/A-18; inspect, maintain, and repair aircraft hydraulic/pneumatic and structure systems.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Complete the appropriate formal "A" school, Aviation Structural Mechanic Core and Aviation Structural Mechanic Organizational Level Strands at NATTC, NAS Pensacola, FL.
- (4) Complete the appropriate formal "C" school, F/A-18 Aviation Hydraulic/Structural Mechanic (initial) Organizational Maintenance at CNATTU, NAS Lemoore, CA or CNATTU, Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6257.

d. Related DOT Classification/DOT Code

- (1) Aircraft Body Repairer 807.261-010.
- (2) Airframe and Power Plant Mechanic 621.281-014.
- (3) Pneumatic Tester and Mechanic 621.381-022.
- (4) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. Helicopter/Tiltrotor Airframe Mechanic, 6152 to 6156.

58. MOS 6276, Fixed-Wing Aircraft Crew Chief, KC-130 (MGySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft crew chiefs, KC-130; are mission essential aircrew who perform duties incident to the operation and maintenance of the KC-130 aircraft. They perform routine duties incident to the following: turnaround inspections (preflight/post flight), servicing, engine start, taxi, run-up, takeoff, cruise, descent, landing, securing, and normal/emergency procedures. Maintenance training emphasizes familiarization on the following aircraft subsystems: engine, propeller, electrical, bleed air/anti-ice, fuel, hydraulic, and comm/nav.

Operational training will familiarize the crew chief with aerial refueling loading and low-level operations.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.
- (3) Volunteer for duties involving flight as an aircraft crewmember.
- (4) Must be a 2d class swimmer or higher.
- (5) Must be eligible for a secret security clearance.
- (6) Must be a U.S. citizen.
- (7) Must have 30-months obligated services.
- (8) Meet the requirement of OPNAVINST 3710.7 and the USN Manual of the Medical Department with normal depth perception.
- (9) Complete the Naval Aviation Enlisted Aircrew Training School at NATTC, NAS Pensacola, FL.
- (10) Complete Survival Evasion Resistance and Escape (SERE) School.
- (11) Complete the appropriate formal "A" school at NATTC, NAS Pensacola, FL.
- (12) Complete the Plane Captain (PC) ground syllabus for aircraft type.
- (13) Complete the appropriate formal "C" schools and appropriate KC-130 Flight Mechanic Organizational Maintenance Course at CNATT MAR UNIT, MCAS Cherry Point, NC.
- (14) Complete the appropriate formal "C" school at VMGRT-253 FRS (Flight Training), MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.15, Aviation Training and Readiness (T&R) Manual and MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6276.

d. Related DOT Classification/DOT Code. None.

e. Related Military Skill. None.

59. MOS 6281, Fixed-Wing Aircraft Safety Equipment Mechanic-Trainee (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft safety equipment mechanic trainees, under instruction or close supervision, train for one of the aircraft safety equipment systems technician MOSS.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 105 or higher.
- (2) Must have normal color perception.

- c. Duties. Performs duty under instruction.
- d. Related DOT Classification/DOT Code. No civilian equivalent.
- e. Related Military Skill. None.

60. MOS 6282, Fixed-Wing Aircraft Safety Equipment Mechanic, AV-8/TAV-8 (GySgt to Pvt) PMOS

- a. Summary. Fixed-Wing aircraft safety equipment mechanics, AV-8/TAV-8; inspect, maintain, and repair aircraft centered safety equipment and systems.
- b. Requirements/Prerequisites
 - (1) Must possess an MM score of 105 or higher.
 - (2) Must have normal color vision.
 - (3) Complete the appropriate formal "A" school, Aviation Structural Mechanic E (Safety Equipment) Core Class A1 and Aviation Structural Mechanic and (Safety Equipment) Egress Strand Class A1 at NATTC, NAS Pensacola, FL.
 - (4) Complete the appropriate formal "C" school, AV-8B Aircraft Safety Equipment Mechanic Organizational Maintenance at CNATT MAR Unit, MCAS Cherry Point, NC.
- c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6282.
- d. Related DOT Classification/DOT Code
 - (1) Airframe and Power Plant Mechanic 621.281-014.
 - (2) Supervisor, Aircraft Maintenance 621.131-014.
- e. Related Military Skill. None.

61. MOS 6283, Fixed-Wing Aircraft Safety Equipment Mechanic, EA-6 (GySgt to Pvt) PMOS

- a. Summary. Fixed-Wing aircraft safety equipment mechanics, EA-6; inspect, maintain, and repair aircraft centered safety equipment and systems.
- b. Requirements/Prerequisites
 - (1) Must possess an MM score of 105 or higher.
 - (2) Must have normal color perception.
 - (3) Complete the appropriate formal "A" school, Aviation Structural Mechanic E (Safety Equipment) Core Class A1 and Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 at NATTC, NAS Pensacola, FL.
 - (4) Complete the appropriate formal "C" school, EA-6B Safety Equipment (Initial) Organizational Maintenance at CNATT, NAS Whidbey Island, WA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6283.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. None.

62. MOS 6286, Fixed-Wing Aircraft Safety Equipment Mechanic, KC-130 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft safety equipment mechanics, KC-130; inspect, maintain, and repair aircraft centered safety equipment and systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic E (Safety Equipment) Core Class A1 and Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, KC-130 Safety and Survival Organizational Maintenance or KC-130J Safety and Survival Organizational level Maintenance Course at CNATT MAR Unit, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6286.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. None.

63. MOS 6287, Fixed-Wing Aircraft Safety Equipment Mechanic, F/A-18 (GySgt to Pvt) PMOS

a. Summary. Fixed-Wing aircraft safety equipment mechanics, F/A-18; inspect, maintain, and repair aircraft centered safety equipment and systems.

b. Requirements/Prerequisites

(1) Must possess an MM score of 105 or higher.

(2) Must have normal color perception.

(3) Complete the appropriate formal "A" school, Aviation Structural Mechanic E (Safety Equipment) Core Class A1 and Aviation Structural Mechanic E (Safety Equipment) Egress Strand Class A1 at NATTC, NAS Pensacola, FL.

(4) Complete the appropriate formal "C" school, F/A-18 Environmental Control System and Safety Equipment (initial) Organizational Maintenance at CNATTU, NAS Lemoore, CA or CNATTU, Oceana, VA.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Programs (MATMEP) for MOS 6287.

d. Related DOT Classification/DOT Code

(1) Airframe and Power Plant Mechanic 621.281-014.

(2) Supervisor, Aircraft Maintenance 621.131-014.

e. Related Military Skill. None.

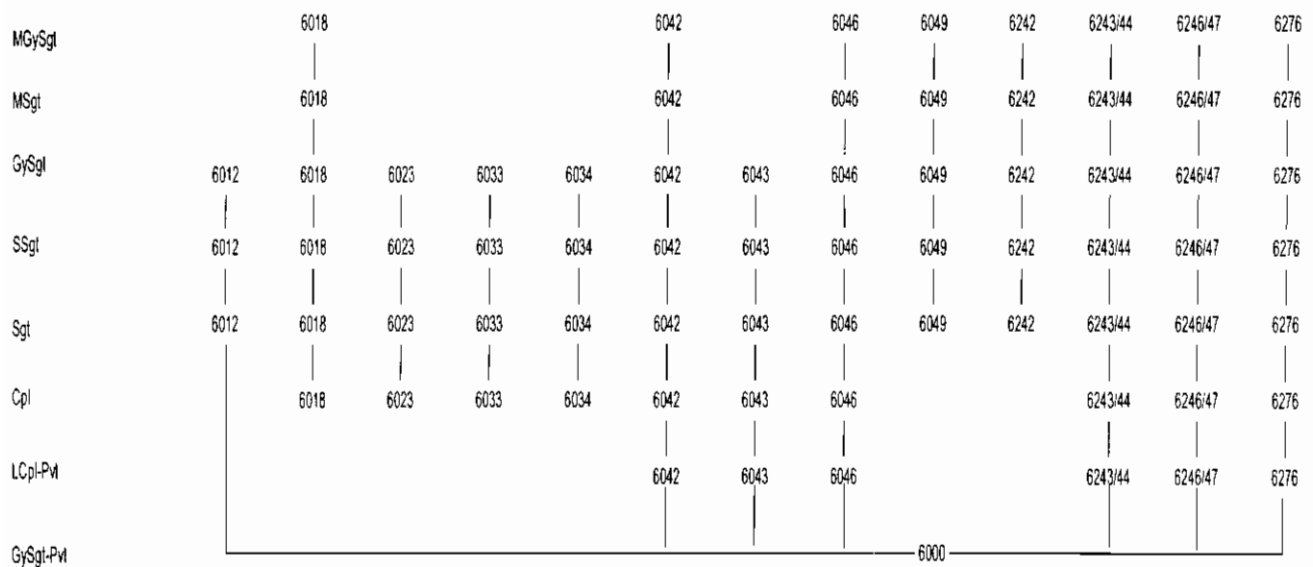
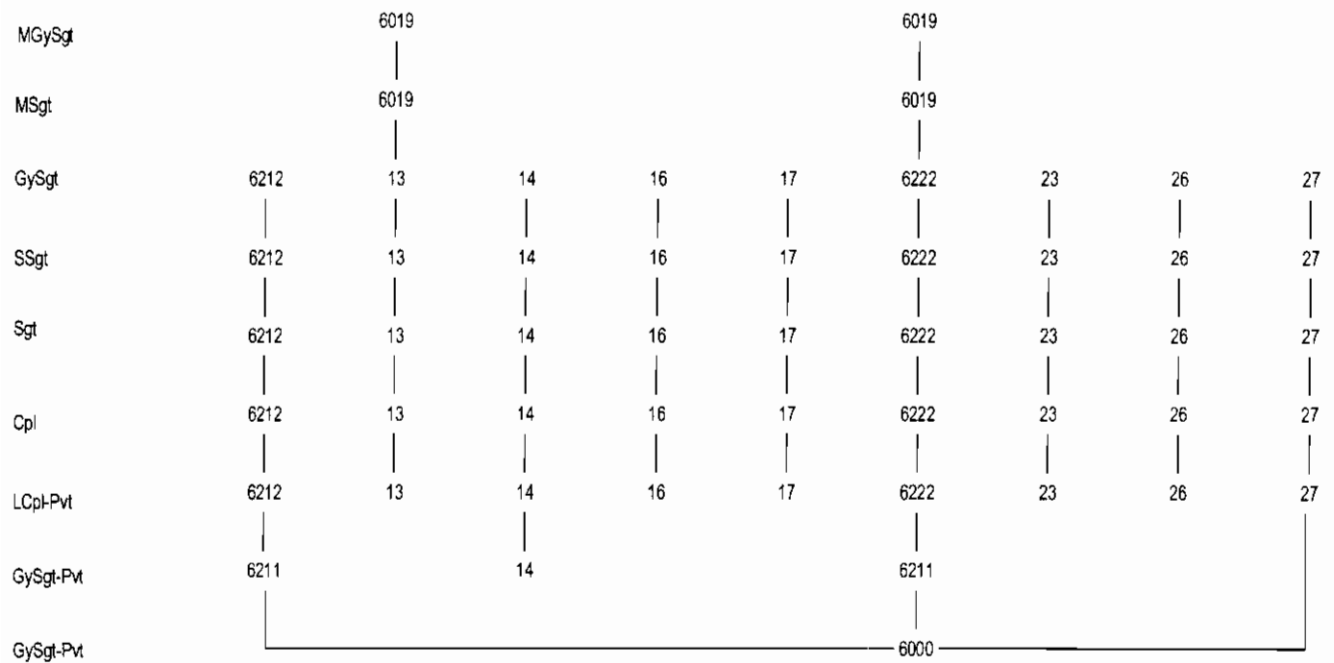


FIGURE 3-29.--Aircraft Maintenance Career Structure Chart

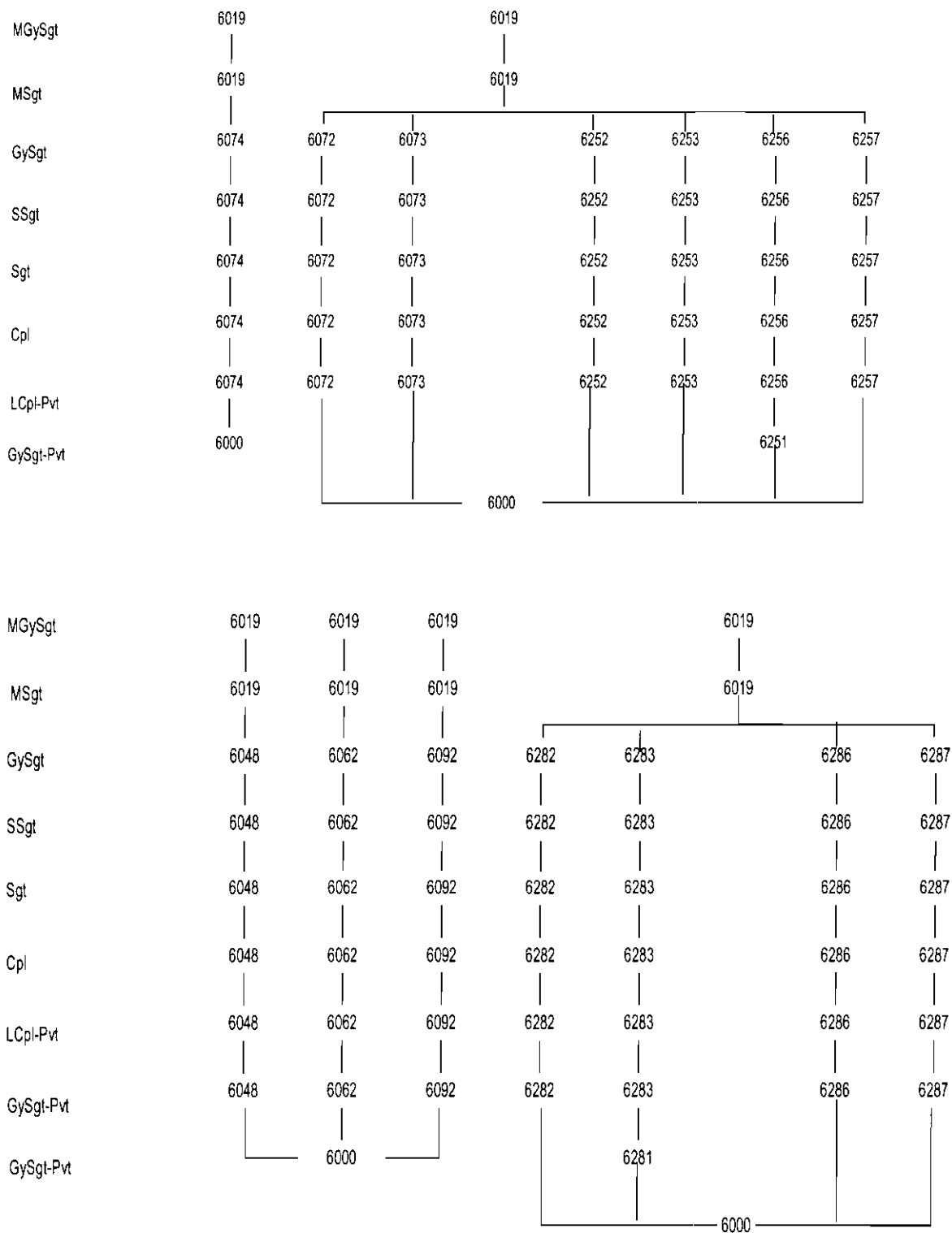
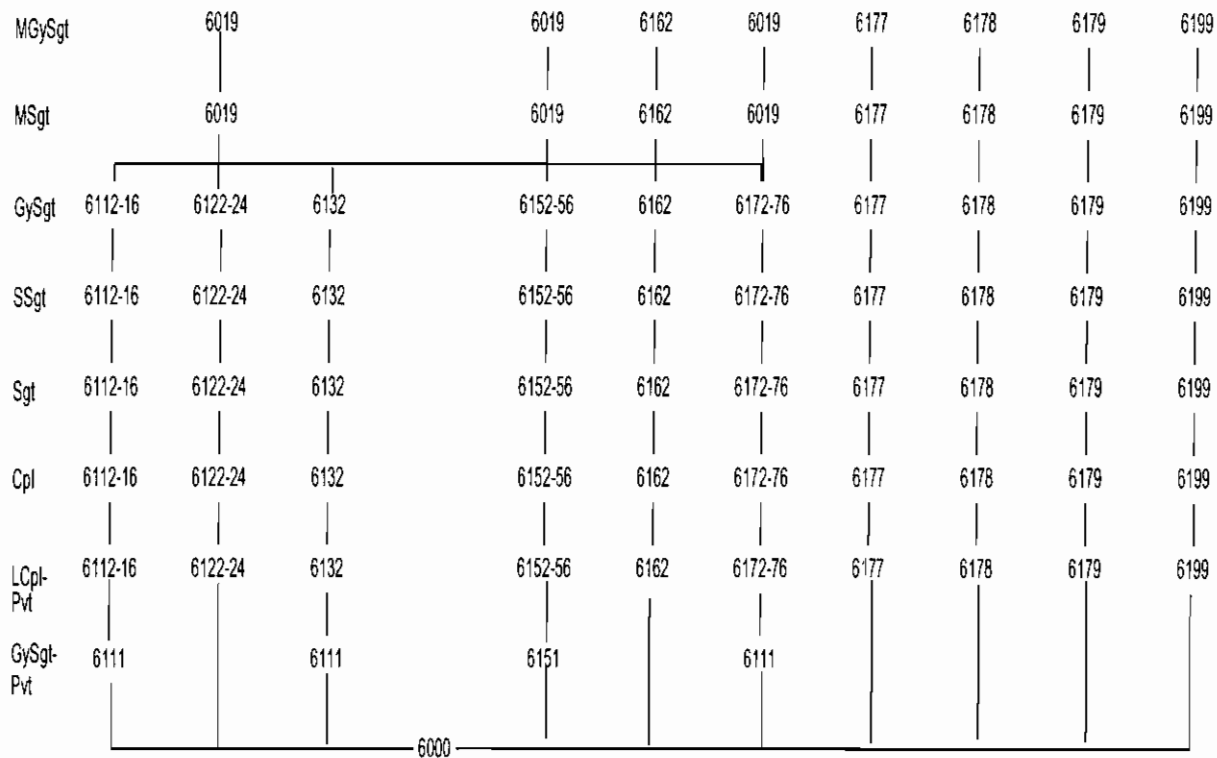


FIGURE 3-29.--Aircraft Maintenance Career Structure Chart



MOS	TITLE
-----	-------

6000	Basic Aircraft Maintenance Marine (Basic MOS)
6012	Aviation Maintenance Controller/Production Controller (NMOS)
6018	Aviation Quality Assurance Representative (QAR), Collateral Duty Quality Assurance Representative (CDQAR), and Collateral Duty Inspector (CDI) (NMOS)
6019	Aircraft Maintenance Chief (PMOS)
6023	Aircraft Power Plants Test Cell Operator (NMOS)
6033	Aircraft Nondestructive Inspection Technician (NMOS)
6042	Individual Material Readiness List (IMRL) Asset Manager (PMOS)
6043	Aircraft Welder (NMOS)
6046	Aircraft Maintenance Administrative Specialist (PMOS)
6048	Flight Equipment Technician (PMOS)
6049	NALCOMIS Application Administrator/Analyst (NMOS)
6062	Aircraft Intermediate Level Hydraulic/Pneumatic Mechanic (PMOS)
6072	Aircraft Maintenance SE Hydraulic/Pneumatic/Structures Mechanic (PMOS)
6073	Aircraft Maintenance SE Electrician/Refrigeration Mechanic (PMOS)
6074	Cryogenics Equipment Operator (PMOS)
6092	Aircraft Intermediate Level Structures Mechanic (PMOS)
6111	Helicopter/Tiltrotor Mechanic-Trainee (PMOS)
6112	Helicopter Mechanic, CH-46 (PMOS)
6113	Helicopter Mechanic, CH-53 (PMOS)
6114	Helicopter Mechanic, UH/AH-1 (PMOS)
6116	Tiltrotor Mechanic, MV-22 (PMOS)
6122	Helicopter Power Plants Mechanic, T-58 (PMOS)
6123	Helicopter Power Plants Mechanic, T-64 (PMOS)
6124	Helicopter Power Plants Mechanic, T-400/T-700 (PMOS)

FIGURE 3-29.--Aircraft Maintenance Career Structure Chart

6132 Helicopter Tiltrotor Dynamic Components Mechanic (PMOS)
 6152 Helicopter Airframe Mechanic, CH-46 (PMOS)
 6153 Helicopter Airframe Mechanic, CH-53 (PMOS)
 6154 Helicopter Airframe Mechanic, UH/AH-1 (PMOS)
 6156 Tiltrotor Airframe Mechanic, MV-22 (PMOS)
 6162 Presidential Support Specialist (NMOS)
 6172 Helicopter Crew Chief, CH-46 (PMOS)
 6173 Helicopter Crew Chief, CH-53 (PMOS)
 6174 Helicopter Crew Chief, UH-1 (PMOS)
 6176 Tiltrotor Crew Chief, MV-22 (PMOS)
 6177 Weapons and Tactics Crew Chief Instructor (NMOS)
 6178 VH-60N Presidential Helicopter Crew Chief (NMOS)
 6179 VH-3D Presidential Helicopter Crew Chief (NMOS)
 6199 Enlisted Aircrew/Aerial Observer/Gunner (FMOS)
 6212 Fixed-Wing Aircraft Mechanic, AV-8/TAV-8 (PMOS)
 6213 Fixed-Wing Aircraft Mechanic, EA-6 (PMOS)
 6214 Unmanned Aerial Vehicle (UAV) Mechanic (PMOS)
 6216 Fixed-Wing Aircraft Mechanic, KC-130 (PMOS)
 6217 Fixed-Wing Aircraft Mechanic, F/A-18 (PMOS)
 6222 Fixed-Wing Aircraft Power Plants Mechanic, F-402 (PMOS)
 6223 Fixed-Wing Aircraft Power Plants Mechanic, J-52 (PMOS)
 6226 Fixed-Wing Aircraft Power Plants Mechanic, T-56 (PMOS)
 6227 Fixed-Wing Aircraft Power Plants Mechanic, F-404 (PMOS)
 6242 Fixed-Wing Aircraft Flight Engineer, KC-130 (NMOS)
 6243 Fixed-Wing Transport Aircraft Specialist, C-9 (NMOS)
 6244 Fixed-Wing Transport Aircraft Specialist, C-12 (NMOS)
 6246 Fixed-Wing Transport Aircraft Specialist, C-20 (NMOS)
 6247 Fixed-Wing Transport Aircraft Specialist, UC-35 (NMOS)
 6251 Fixed-Wing Aircraft Airframe Mechanic-Trainee (PMOS)
 6252 Fixed-Wing Aircraft Airframe Mechanic, AV-8/TAV-8 (PMOS)
 6253 Fixed-Wing Aircraft Airframe Mechanic, EA-6 (PMOS)
 6256 Fixed-Wing Aircraft Airframe Mechanic, KC-130 (PMOS)
 6257 Fixed-Wing Aircraft Airframe Mechanic, F/A-18 (PMOS)
 6276 Fixed-Wing Aircraft Crew Chief, KC-130 (PMOS)
 6281 Fixed-Wing Aircraft Safety Equipment Mechanic-Trainee (PMOS)
 6282 Fixed-Wing Aircraft Safety Equipment Mechanic, AV-8/TAV-8 (PMOS)
 6283 Fixed-Wing Aircraft Safety Equipment Mechanic, EA-6 (PMOS)
 6286 Fixed-Wing Aircraft Safety Equipment Mechanic, KC-130 (PMOS)
 6287 Fixed-Wing Aircraft Safety Equipment Mechanic, F/A-18 (PMOS)

FIGURE 3-29.--Aircraft Maintenance Career Structure Chart

3136. OCCUPATIONAL FIELD 63/64, AVIONICS

1. Introduction. The avionics OccFld includes direct and indirect support of all aviation weapon systems. While there is a large similarity in the skills required to provide this support, the systems being supported are diverse. The following examples are provided: direct support repair accomplished at the organizational maintenance activity (OMA) which is normally accomplished on aircraft, e.g., replacement of the radar antenna on the aircraft; indirect support-repair accomplished at the intermediate maintenance activity (IMA) which is normally accomplished off aircraft, e.g., radar system module repair, and repair/calibration of the radar support equipment. Marines entering the OccFld receive MOS 6300 for OMA, and MOS 6400 for IMA, Basic Avionics Marine, and then progress through specific hard skill MOSs and ultimately are assigned MOS 6391, Avionics Maintenance Chief. Qualifications initially include technical proficiency in the repair of one or more electronic systems after completion of formal training. As the Marine is promoted, repair and administrative requirements for multiple systems take on an equal importance until the Marine is ultimately placed in a supervisory position. Billets for both repair and administration are varied and extend from the squadron level to staff positions at the Wing and force commander, and Headquarters U.S. Marine Corps level.

2. MOS 6312, Aircraft Communications/Navigation/Radar Systems Technician, AV-8 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/radar systems technicians, AV-8, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical/Radar Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.
- (6) Complete the Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.
- (7) Complete the AV-8B Communication/Navigation/Identification/ECM Systems Organizational Maintenance Course at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communications Navigation/Radar Systems technician on the AV-8B aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6312.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

3. MOS 6313, Aircraft Communications/Navigation/Radar Systems Technician, EA-6 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/radar systems technicians, EA-6, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical/Radar Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the EA-6B Communication/Navigation/Radar/ECM Systems Organization Maintenance Course at CNATT Unit Whidbey Island, WA and have completed a sufficient period of OJT to qualify as an Aircraft Communications/Navigation/Radar Systems technician on the EA-6B aircraft.

c. Duties. For a complete listing of duties and tasks, refer to P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6313.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

4. MOS 6314, Unmanned Aerial System (UAS) Avionics Technician (GySgt to Pvt) PMOS

a. Summary. Unmanned aerial system (UAS) avionics technicians install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical/Weapon Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Technician I Level Class A1, at NATC NAS Pensacola, FL.

(7) Complete the Pioneer SR-RPV Electronics Technician Course at CNATT Det NAS Whiting Field FL and have completed a sufficient period of OJT to qualify as an Unmanned Aerial system Avionics technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6314.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

5. MOS 6316, Aircraft Communications/Navigation Systems Technician, KC-130 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation systems technicians, KC-130, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the KC-130 Communication/Navigation/Identification Organizational Maintenance Course at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft communications/Navigation systems technician on the KC-130 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6316.

d. Requirements/Prerequisites

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

6. MOS 6317, Aircraft Communications/Navigation/Radar Systems Technician, F/A-18 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/radar systems technicians, F/A-18, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Radar Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.
- (6) Complete the Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.
- (7) Complete the F/A-18 Avionic Systems Initial Organizational Maintenance Course at CNATT Unit NAS Lemoore, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as an Aircraft Communications/Navigation/Radar Systems technician on the F/A-18 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6317.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

7. MOS 6322, Aircraft Communications/Navigation/Electrical Systems Technician, CH-46 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/electrical systems technicians, CH-46, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment components are to be handled.
- (6) Complete the Electricians Mate Course Class A1, or Avionics Technician O Level Class A1, a NATTC NAS Pensacola, FL
- (7) Complete the CH-46 Communication/Navigation/Identification Systems organizational Maintenance Course at CNATT Mar Unit New River, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communications/ Navigation/ Electrical systems technician on the CH-46 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6322.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

8. MOS 6323, Aircraft Communications/Navigation/Electrical Systems Technician, CH-53 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/electrical systems technicians, CH-53, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA - level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/ components are to be handled.
- (6) Complete the Avionics Electrician Mate Course Class A1, or Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the CH-53E Communication/Electrical Systems Organizational Maintenance course at CNATT Mar Unit New River, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communications/Navigation/Electrical Systems technician on the CH-53 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6323.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

9. MOS 6324, Aircraft Communications/Navigation/Electrical/Weapon Systems Technician, U/AH-1 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/electrical/weapon systems technicians, U/AH-1, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Electricians Mate Course Class A1, or Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the H-1 Communication/Navigation/Identification Systems Maintenance course at CNATT Mar Unit Camp Pendleton, CA and have completed a sufficient period of OJT to qualify as an Aircraft Communications/Navigation/Electrical Systems technician on the U/AH-1 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6324.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

10. MOS 6326, Aircraft Communications/Navigation/Electrical/Systems Technician, V-22 (GySgt to Pvt) PMOS

a. Summary. Aircraft communications/navigation/electrical systems technicians, V-22, install, remove, inspect, test, maintain, and repair systems, components, and ancillary equipment of installed Aircraft Communications/Navigation/Electrical Systems to include Deceptive Electronic Countermeasures (DECM) Systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.
- (6) Complete the Aviation Electricians Mate Course Class A1 or Avionics Technician O level Class A1, at NATTC NAS Pensacola, FL.
- (7) Complete the V-22 Avionics (Osprey) Course at CNATT Mar Unit New River, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communications/Navigation/Electrical Systems technician on the V-22 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6326.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

11. MOS 6332, Aircraft Electrical Systems Technician, AV-8 (GySgt to Pvt) PMOS

a. Summary. Aircraft electrical systems technicians, AV-8, install, remove, inspect, test, maintain, and repair system, component, and ancillary equipment of installed aircraft electrical systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Aviation Electricians Mate Course Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the AV-8B Electrical Systems Organizational Maintenance Courses CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Electrical systems technician on the AV-8B aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6332.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Electrician Supervisor 829.131-014.

e. Related Military Skill. None.

12. MOS 6333, Aircraft Electrical Systems Technician, EA-6 (GySgt to Pvt) PMOS

a. Summary. Aircraft electrical systems technicians, EA-6, install, remove, inspect, test, maintain, and repair system, component, and ancillary equipment of installed aircraft electrical systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Aviation Electricians Mate Course Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the EA-6B Initial Electrical and Instrument Systems Organizational Maintenance Course at CNATT Unit NAS Whidbey Island, WA and have completed sufficient period of OJT to qualify as an Aircraft Electrical Systems technician on the EA-6 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6333.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Electrician Supervisor 829.131-014.

e. Related Military Skill. None.

13. MOS 6336, Aircraft Electrical Systems Technician, KC-130 (GySgt to Pvt) PMOS

a. Summary. Aircraft electrical systems technicians, KC-130, install, remove, inspect, test, maintain, and repair system, component, and ancillary equipment of installed aircraft electrical systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.
- (6) Complete the Aviation Electricians Mate Course Class A1, at NATTC NAS Pensacola, FL.
- (7) Complete the KC-130 Electrical/Instrument Systems initial Organizational Maintenance Course at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Electrical Systems technician on the KC-130 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6336.

d. Related DOT Classification/DOT Code

- (1) Electrician, Airplane 825.281-018.
- (2) Electrician Supervisor 829.131-014.

e. Related Military Skill. None.

14. MOS 6337, Aircraft Electrical Systems Technician, F/A-18 (GySgt to Pvt) PMOS

a. Summary. Aircraft electrical systems technicians, F/A-18, install, remove, inspect, test, maintain, and repair system, component, and ancillary equipment of installed aircraft electrical systems at the OMA level.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Aviation Electricians Mate Course Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the F/A-18 Electrical/Instrument Systems Initial Organizational Maintenance Course at CNATT Unit NAS Lemoore or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as an Aircraft Electrical systems technician on the F/A-18 aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6337.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Electrician Supervisor 829.131-014.

e. Related Military Skill. None.

15. MOS 6386, Aircraft Electronic Countermeasures Systems Technician, EA-6B (GySgt to Pvt) PMOS

a. Summary. Aircraft electronic countermeasures systems technicians install, remove, inspect, test, maintain, and repair system, components, and ancillary equipment of installed Aircraft Electronic Countermeasures Systems at the OMA level.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Technician O Level Class A1, at NATTC NAS Pensacola, FL.

(7) Complete the EA-6B ECM Initial Organizational Maintenance Course at CNATT Unit NAS Whidbey Island, WA and have completed a sufficient period of OJT to qualify as an Aircraft Electronic Countermeasures Systems technician on the EA6B aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6386.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

16. MOS 6391, Avionics Maintenance Chief (MGySgt and MSgt) PMOS

a. Summary. Avionics maintenance chiefs, as noncommissioned officers in charge of the avionics division, supervise maintenance and repair of aircraft avionics systems, equipment, and components at the IMA/OMA levels.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a secret security clearance.

c. Duties

(1) MGySgt and MSgt:

(a) Demonstrates proficiency in appropriate 63XX and 64XX lower level MOSs.

(b) Demonstrates a thorough working knowledge of the NAMP and 3M procedures.

(c) Ensures facilities are organized to support the maintenance and repair of avionics systems, equipment, or components at the IMA/OMA levels.

(d) Requisitions spare/replacement parts and necessary work center supplies and equipment using publications and supply documents.

(e) Maintains appropriate records of all maintenance and inspection actions performed, technical training conducted, and organic equipment assigned to the avionics division.

(f) Possesses a thorough understanding and working knowledge of sound management principles, work center supervision, proper methods of training personnel, and accepted and approved avionics maintenance procedures.

(2) MGySgt:

(a) Possesses a thorough understanding and working knowledge of Marine Corps administrative procedures including the format, preparation, and submission of naval messages.

(b) Demonstrates a thorough understanding of Marine Corps aviation staff organization and functioning of the Marine Aviation Logistic Squadron, Marine Aircraft Wing, and FMF Headquarters levels.

d. Related DOT Classification/DOT Code

- (1) Supervisor, Avionics Shop 823.131-018.
- (2) Supervisor, Electronics Systems Maintenance 828.161-010.

e. Related Military Skill. None.

17. MOS 6412, Aircraft Communications Systems Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Aircraft communications systems technicians, IMA, at the IMA level, inspect, test, maintain, and repair components, assemblies, subassemblies, modules, cards, printed circuit boards, and ancillary equipment whose aggregate constitutes a complete aircraft communications system or subsystem.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.
- (5) Must have a secret security clearance when cryptographic equipment/components are to be handled.
- (6) Complete the Avionics Technician I Level Class A1, at NATTC NAS Pensacola, FL.
- (7) Complete the Aircraft Communication Systems Pipeline Course, IMA at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communication systems IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4970.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6412.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. Aircraft Communications/Navigation System Technician, OMA, 6312-24.

18. MOS 6413, Aircraft Navigation Systems Technician, IFF/RADAR/TACAN, IMA (Sgt to Pvt) PMOS

a. Summary. Aircraft navigation systems technicians, IFF/Radar/TACAN, at the IMA level, inspect, test, maintain, and repair components, assemblies, subassemblies, modules, cards, printed circuit boards, and ancillary equipment whose aggregate constitutes a complete aircraft navigation system or subsystem.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Must have a secret security clearance when cryptographic equipment/components are to be handled.

(6) Complete the Avionics Technician I Level class A1, NATTC NAS Pensacola, FL.

(7) Complete the Aircraft Navigation Systems Pipeline Course, IMA at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Navigation Systems, IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP), for MOS 6413.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. Aircraft Communications/Navigation System Technician, OMA, 6312-24.

19. MOS 6414, Advanced Aircraft Communications/Navigation Systems Technician, IMA (GySgt and SSgt) PMOS

a. Summary. Advanced aircraft communications/navigation systems technicians at the IMA inspect, test, maintain, and repair weapon replaceable assemblies, shop replaceable assemblies, and ancillary equipment whose aggregate constitutes a complete aircraft communications/navigation system beyond normal fault isolation procedures.

b. Requirements/Prerequisites

(1) Must satisfy the requirements/prerequisites for MOSs 6412 or 6413.

(2) Must have normal color perception.

c. Duties

(1) GySgt and SSgt:

(a) Possesses a thorough understanding and working knowledge of sound management principles, work center supervision, proper methods of training personnel, and accepted and approved naval aviation maintenance procedures.

(b) Performs quality assurance inspections for maintenance actions performed on equipment/components at the IMA level.

(c) Assists in the planning and scheduling of work center assignments.

(d) Monitors source data collection and prepares work center reports and records.

(e) Performs expanded troubleshooting using concise fault isolation procedures.

(2) GySgt: Organizes and administers facilities for the maintenance and repair of aircraft communications/navigation systems at the IMA level.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

20. MOS 6422, Aircraft Cryptographic Systems Technician, IMA (Sgt to Pvt) NMOS (6412)

a. Summary. Aircraft cryptographic systems technicians at the IMA level, inspect, test, maintain, and repair equipment, assemblies, subassemblies, modules, cards, and other components of airborne cryptographic systems. This MOS is assigned only to those specifically selected personnel already qualified and holding an IMA communications systems MOS (6412).

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must have a secret security clearance.

(4) Complete the Avionics Technician I Level class A1, t NATTC NAS Pensacola, FL.

(5) Complete the Aircraft Communication Systems Pipeline Course, IMA at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Communication Systems, IMA technician.

(6) Complete the approved secure voice, limit 4ed maintenance cryptographic course, IMA at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as an Aircraft Cryptographic Systems, IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program, (MATMEP) for MOS 6422.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. Aircraft Communications Systems Technician, IMA, 6412.

21. MOS 6423, Aviation Electronic Microminiature/Instrument and Cable Repair Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Aviation electronic microminiature/instrument and cable repair technicians, at the IMA level, inspect, test, maintain, and repair modules, cards,

printed-circuit boards, cables, instruments, and miniature and microminiature components. They also perform appropriate level of corrosion control.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.

(5) Complete the Aviation Electrician's Mate Course Class A1, at NATTC NAS Pensacola, FL.

(6) Complete the Miniature Electronics Repair Course, IMA at CNATT Det San Diego, CA or Fleet Training Center, Norfolk, VA or NAMTRAGRU Det NS Mayport, FL and have completed a sufficient period of OJT to qualify as an Aviation Electronic Microminiature/Instrument and Cable Repair, IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6423.

d. Related DOT Classification/DOT Code

- (1) Avionics Technician 823.281-010.
- (2) Electronics Mechanic 828.281-010.

e. Related Military Skill. Microminiature Circuit Repair Specialist, 5911.

22. MOS 6432, Aircraft Electrical/Instrument/Flight Control Systems Technician, Fixed Wing, IMA (Sgt to Pvt) PMOS

a. Summary. Aircraft electrical/instrument/flight control systems technicians, fixed wing, at the IMA level, inspect, test, maintain, and repair components, assemblies, subassemblies, modules, cards, printed circuit boards, and ancillary equipment whose aggregate constitutes a complete aircraft electrical/flight control system or subsystem.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a confidential security clearance.

(5) Complete the Aviation Electrician's Mate Course Class A1, at NATTC NAS Pensacola, FL.

(6) Complete the Fixed Wing Avionics Electrical/Instrument/Flight Control Systems Pipeline Courses, IMA at CNATT Mar Unit Cherry Point, NC and have completed

a sufficient period of OJT to qualify as an Aircraft Electrical/Instrument/Flight Control Systems, Fixed Wing, IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6432.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

23. MOS 6433, Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter, IMA (Sgt to Pvt) PMOS

a. Summary. Aircraft electrical/instrument/flight control systems technicians, helicopter at the IMA level, inspect, test, maintain, and repair components, assemblies, subassemblies, modules, cards, printed circuit boards, and ancillary equipment whose aggregate constitutes a complete Aircraft Electrical/Flight Control System or Subsystem.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a confidential security clearance.

(5) Complete the Aviation Electrician's Mate Course Class A1, at NATTC NAS Pensacola, FL.

(6) Complete the Rotary Wing Avionics Electrical/Instrument/Flight Control Systems Pipeline Courses, IMA at CNATT Mar Unit Camp Pendleton, CA have completed a sufficient period of OJT to qualify as an Aircraft Electrical/Instrument/Flight Control Systems, Helicopter, IMA technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation (MATMEP) for MOS 6433.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

24. MOS 6434, Advanced Aircraft Electrical/Instrument/Flight Control Systems Technician, IMA (GySgt and SSgt) PMOS

a. Summary. Advanced aircraft electrical/instrument/flight control systems technicians, IMA, at the IMA inspect, test, maintain, and repair weapon replaceable assemblies, shop replaceable assemblies, and ancillary equipment whose aggregate

constitutes a complete aircraft electrical/flight control system beyond normal fault isolation procedures.

b. Requirements/Prerequisites. Must satisfy requirements/prerequisites for MOSs 6432, 6433, or 6423.

c. Duties

(1) GySgt and SSgt:

(a) Possesses a thorough understanding and working knowledge of sound management principles, work center supervision, proper methods of training personnel, and accepted and approved naval aviation maintenance procedures.

(b) Performs quality assurance inspections for maintenance actions performed on equipment/components at the IMA level.

(c) Assists in the planning and scheduling of work center assignments.

(d) Monitors source data collection and prepares work center reports and records.

(e) Performs expanded troubleshooting using concise fault isolation procedures.

(2) GySgt: Organizes and administers facilities for the maintenance and repair of aircraft electrical/flight control systems at the IMA level.

d. Related DOT Classification/DOT Code

(1) Electrician, Airplane 825.281-018.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

25. MOS 6461, Hybrid Test Set Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Hybrid test set technicians, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level Class A1, NATTC, NAS Pensacola, FL.

(6) Complete the Hybrid Test Set (HTS) Operator/Maintainer/Technician, IMA Course at CNATT Unit NAS Lemoore, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as a Hybrid Avionics Test Set (HTS) technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6461.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

26. MOS 6462, Avionics Test Set (ATS) Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Avionics test set technicians, IMA, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete Avionics Technician I Level Class A1, at NATTC NAS Pensacola, FL.

(6) Complete the Intermediate Avionics Test Set (IATS) Operator/Maintainer/Technician, IMA Course at CNATT Unit NAS Lemoore, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as an Intermediate Avionics Test Set (IATS) technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6462.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

27. MOS 6463, CASS HP Configuration Operator/Maintainer/Technician, IMA (Sgt to Pvt) PMOS

a. Summary. CASS HP configuration Operator/maintainer/technicians at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies,

shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

- 1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a secret security clearance.
- (5) Complete the Avionics Technician I Level Class A1, NATTC, NAS Pensacola, FL.
- (6) Complete the Consolidated Automated Support System (CASS) High Power (HP) Test Station Operator/Maintainer/Technician, IMA Course at CNATT Unit MCAS Miramar, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as a Consolidated Automatic Support system (CASS) High Power (HP) technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6463.

d. Related DOT Classification/DOT Code

- (1) Electronics Mechanic 828.281-010.
- (2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

28. MOS 6464, Aircraft Inertial Navigation System Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Aircraft inertial navigation system technicians, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a secret security clearance.
- (5) Complete the Avionics Technician I Level Class A1 at NATTC, Pensacola, FL.
- (6) Complete the IMUTS II Operator/Maintainer/Technician, IMA Course at CNATT Unit NAS Point Mugu, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as an Aircraft Inertial Navigation System technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6464.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

29. MOS 6466, CASS EO Configuration Operator/Maintainer/Technician/IMA (Sgt to Pvt) PMOS

a. Summary. CASS EO configuration operator/maintainer/technician, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level Class A1, at NATTC Pensacola, FL.

(6) Completed the Consolidated Automated Support System (CASS) Electro-Optical (EO) Test Station Operator/Maintainer/Technician, IMA Course at CNATT Unit NAS North island, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as a Consolidated Automatic Support System (CASS) Electro-Optical (EO) technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6466.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

30. MOS 6467, Consolidated Automatic Support System (CASS) Technician, IMA (Sgt to Pvt) PMOS

a. Summary. Consolidated automatic support system technician, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable, and ancillary equipment whose aggregate constitutes a complete aircraft weapon system.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 105 or higher.
- (4) Must have a secret security clearance.
- (5) Complete the Avionics Technician I Level Class A1, at NATTC, Pensacola, FL.
- (6) Complete the Consolidated Automated Support System a(CASS) Test Station operator/Maintainer/Technician, IMA Course at CNATT Unit NAS North Island, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as a Consolidated Automated Support system (CASS) technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6467.

d. Requirements/Prerequisites

- (1) Electronics Mechanic 828.281-010.
- (2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

31. MOS 6469, CASS Test Station IMA Advanced Maintenance Technician, IMA (GySgt and SSgt) PMOS

a. Summary. CASS test station IMA advanced maintenance technicians, at the IMA, inspect, test, maintain, repair, and analyze airborne weapon replaceable assemblies, shop replaceable assemblies, automatic test equipment, and ancillary equipment failures, beyond normal fault isolation procedures.

b. Requirements/Prerequisites. Satisfy requirements/prerequisites for MOSs 6461 or 6462 or 6463 or 6464 or 6466 or 6467.

c. Duties

(1) GySgt and SSgt:

(a) Possesses a thorough understanding and working knowledge of sound management principles, work center supervision, proper methods of training personnel and accepted and approved naval aircraft maintenance procedures.

(b) Performs quality assurance inspections for maintenance actions performed on equipment/components at the IMA level.

(c) Assists in the planning and scheduling of work center assignments.

(d) Monitors source data collection and assists on the preparation of work center reports and records.

(e) Performs expanded weapon replaceable assembly and test program set troubleshooting, using concise fault isolation procedures and a fundamental understanding of computer language at the programmer level associated with ATE in support of naval aircraft.

(2) GySgt: Organizes and administers facilities for the maintenance and repair of airborne weapon replaceable assemblies and shop replacement assemblies maintained on ATE as well as support of ATE.

d. Related DOT Classification/DOT Code

(1) Electronics Mechanic 828.281-010.

(2) Avionics Technician 823.281-010.

e. Related Military Skill. None.

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

e. Related Military Skill. None.

32. MOS 6482, Aircraft Electronic Countermeasures Systems Technician, Fixed-Wing, IMA (GySgt to Pvt) PMOS

a. Summary. Aircraft electronic countermeasures systems technicians, fixed-wing, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable assemblies, and ancillary equipment whose aggregate constitutes a complete aircraft electronic countermeasures system or subsystem.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level Class A1, at NATTC, Pensacola, FL.

(6) Complete the Fixed Wing Electronic countermeasures (ECM) Course, IMA at CNATT Unit NAS Lemoore, CA or NAS Oceana, VA and have completed a sufficient period of OJT to qualify as a fixed-wing aircraft electronic countermeasures systems technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6482.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

33. MOS 6483, Aircraft Electronic Countermeasures Systems Technician, Helicopter, IMA (GySgt to Pvt) PMOS

a. Summary. Aircraft electronic countermeasures systems technicians, helicopter, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable assemblies, and ancillary equipment whose aggregate constitutes a complete aircraft electronic countermeasures system or subsystem.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level Class A1, at NATTC, Pensacola, FL.

(6) Complete Helo Deceptive Electronic Countermeasures (DECM) Course, IMA at CNATT Mar Unit Cherry Point, NC and have completed a sufficient period of OJT to qualify as a helicopter aircraft electronic countermeasures systems technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6483.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

34. MOS 6484, CASS EW Configuration Operator/Maintainer/Technician, IMA (GySgt to Pvt) PMOS

a. Summary. CASS EW configuration operator/maintainer/technician, at the IMA level, inspect, test, maintain, and repair airborne weapon replaceable assemblies, shop replaceable assemblies, and ancillary equipment whose aggregate constitutes a complete aircraft electronic countermeasures system or subsystem.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 105 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level A1, at NATTC Pensacola, FL.

(6) Complete appropriate CNATT courses on ECM/RADCOM/CAT IID or Consolidated Automated Support System (CASS/Electronic Warfare (EW) Technician, IMA at CNATT Unit NAS Whidbey Island, WA, or NAS Oceana, VA, or NAS point Mugu, CA and have a sufficient period of OJT to qualify as an EA-6B aircraft electronic countermeasures systems technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6484.

d. Related DOT Classification/DOT Code

(1) Avionics Technician 823.281-010.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

35. MOS 6492, Aviation Precision Measurement Equipment/Calibration and Repair Technician, IMA (GySgt to Pvt) PMOS

a. Summary. Aviation precision measurement equipment technicians test, maintain, repair, and calibrate aviation precision measurement and automatic test equipment.

b. Requirements/Prerequisites

(1) Must be a U.S. citizen.

(2) Must have normal color perception.

(3) Must possess an EL score of 110 or higher.

(4) Must have a secret security clearance.

(5) Complete the Avionics Technician I Level Class A1, NATTC, NAS Pensacola, FL.

(6) Complete the Aviation Basic Calibration Technician Pipeline Course at CNATT Unit Keesler, AFB, Biloxi, MS and have a sufficient period of OJT to qualify as an Aviation Calibration technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6492.

d. Related DOT Classification/DOT Code

(1) Instrument Mechanic 710.281-026.

(2) Electronics Mechanic 828.281-010.

e. Related Military Skill. None.

36. MOS 6493, Aviation Meteorological Equipment Technician, OMA/IMA (GySgt to Pvt)
PMOS

a. Summary. Aviation meteorological equipment maintenance technician install, test, maintain, and repair all electronic, information technology, and other associated equipment employed by the Meteorology and Oceanography (METOC) OccFld in support of MAGTF operations. Typical equipment used for the surveillance, acquisition, and dissemination of METOC data and products includes Doppler weather radar, meteorological satellite systems, meteorological sensors, upper-air measuring systems, various voice and data communications equipment, information technology and data processing systems.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must possess an EL score of 110 or higher.
- (4) Must have a secret security clearance.
- (5) Complete the Electronic Principles (CID: F02CWW1) Course at Keesler AFB, MS ("A" School).

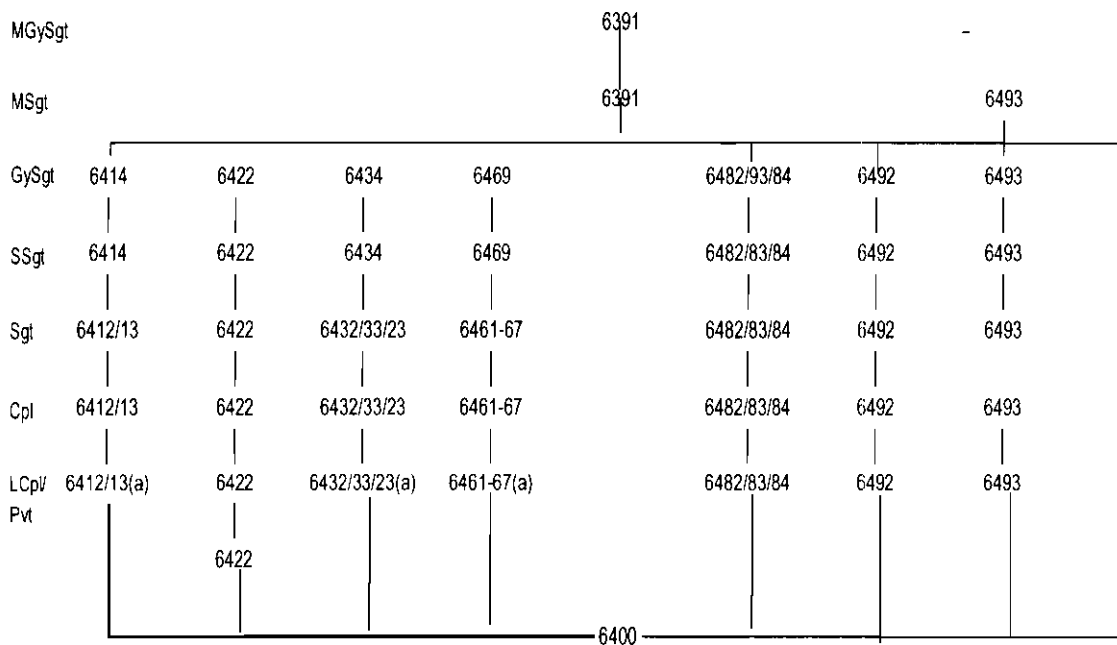
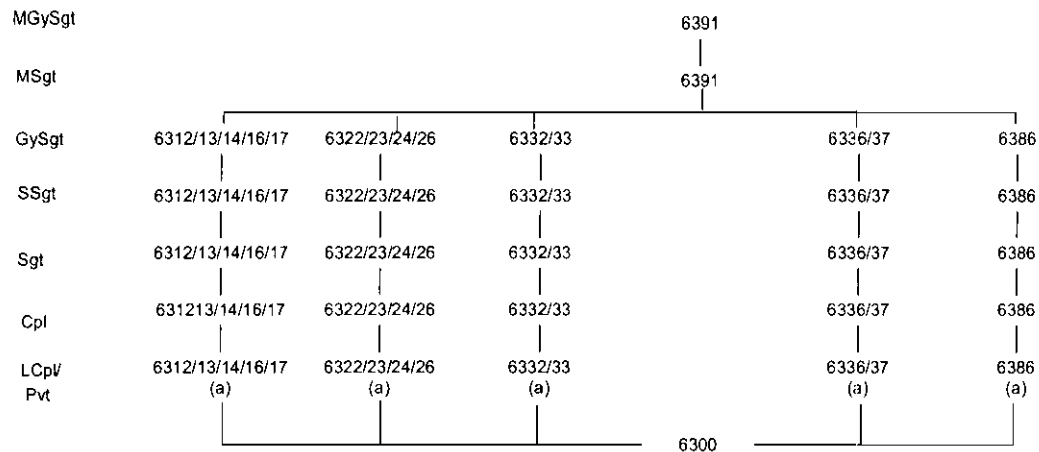
(6) Complete the Meteorological Equipment Maintenance class C1 (CID: F022811) Course at Keesler AFB, MS "C" School) and have sufficient period of OJT to qualify as an Aviation Meteorological Equipment technician.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.20, Maintenance Training Management and Evaluation Program (MATMEP) for MOS 6493.

d. Related DOT Classification/DOT Code

- (1) Meteorological Equipment Repairer 823.281-018.
- (2) Electronics Mechanic 828.261-022.

e. Related Military Skill. None.



MOS TITLE

6300 Basic Avionics Marine (Basic MOS)
 6312 Aircraft Communications/Navigation Systems Technician, AV-8 (PMOS)
 6313 Aircraft Communications/Navigation/Radar Systems Technician, EA-6 (PMOS)
 6314 Unmanned Aerial System (UAS) Avionics Mechanic (PMOS)
 6316 Aircraft Communications/Navigation Systems Technician, KC-130 (PMOS)
 6317 Aircraft Communications/Navigation Systems Technician, F/A-18 (PMOS)

FIGURE 3-30.--Avionics Career Structure Chart

6322 Aircraft Communications/Navigation/Electrical Systems Technician, CH-46 (PMOS)
 6323 Aircraft Communications/Navigation/Electrical Systems Technician, CH-53 (PMOS)
 6324 Aircraft Communications/Navigation/Electrical Systems Technician, U/AH-1 (PMOS)
 6326 Aircraft Communications/Navigation/Electrical Systems Technician, V-22 (PMOS)
 6332 Aircraft Electrical Systems Technician, AV-8 (PMOS)
 6333 Aircraft Electrical Systems Technician, EA-6 (PMOS)
 6336 Aircraft Electrical Systems Technician, KC-130 (PMOS)
 6337 Aircraft Electrical Systems Technician, F/A-18 (PMOS)
 6386 Aircraft Electronic Countermeasures Systems Technician, EA-6B (PMOS)
 6391 Avionics Maintenance Chief, OMA/IMA (PMOS)
 6412 Aircraft Communications Systems Technician, IMA (PMOS)
 6413 Aircraft Navigation Systems Technician, IFF/RADAR/TACAN, IMA (PMOS)
 6414 Advanced Aircraft Communication/Navigation Systems Technician, IMA (PMOS)
 6422 Aircraft Cryptographic Systems Technician, IMA (NMOS)
 6423 Aviation Electronic Microminiature/Instrument and Cable Repair Technician, IMA (PMOS)
 6432 Aircraft Electrical/Instrument/Flight Control Systems Technician, Fixed Wing, IMA (PMOS)
 6433 Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter, IMA (PMOS)
 6434 Advanced Aircraft Electrical/Instrument/Flight Control Systems Technician, IMA (PMOS)
 6461 Hybrid Test Set Technician, IMA (PMOS)
 6462 Avionics Test Set (ATS) Technician, IMA (PMOS)
 6463 CASS HP Configuration Operator/Maintainer/Technician, IMA (PMOS)
 6464 Aircraft Inertial Navigation System Technician, IMA (PMOS)
 6466 CASS EO Configuration Operator/Maintainer/Technician, IMA (PMOS)
 6467 Consolidated Automatic Support System (CASS) Technician, IMA (PMOS)
 6469 CASS Test Station IMA Advanced Maintenance Technician, IMA (PMOS)
 6482 Aircraft Electronic Countermeasures Systems Technician, Fixed Wing, IMA (PMOS)
 6483 Aircraft Electronic Countermeasures Systems Technician, Helicopter, IMA (PMOS)
 6484 CASS EW Configuration Operator/Maintainer/Technician, IMA (PMOS)
 6492 Aviation Precision Measurement Equipment/Calibration and Repair Technician, IMA (PMOS)
 6493 Aviation Meteorological Equipment Technician, OMA/IMA (PMOS)

FORMAL TRAINING (to be attended at level indicated on chart): () indicates course is "required"; other courses available as indicated.

a. The CNATT U schools provide appropriate MOS training at the level indicated on the chart and are subject to change due to availability of courses. IMA level MOSs are subject to training at several locations depending upon course availability and initial duty assignment following "A" school training.

FIGURE 3-30.--Avionics Career Structure Chart

3137. OCCUPATIONAL FIELD 65, AVIATION ORDNANCE

1. Introduction. Aviation ordnance MOSs handle aviation Class V (A) ammunition issues from safety to procurement, storage, buildup, delivery, and subsequent aircraft loading and downloading. The OccFld includes organizational and intermediate maintenance of aircraft weapons systems, guns, gun pods, bomb racks, missile launchers, and aviation ordnance support equipment. Aviation ordnance Marines are qualified and certified under current directives. Formal schooling is provided to Marines entering the OccFld. A wide variety of billet assignments are available as shown in the figure later in this entry. Marines entering this OccFld receive MOS 6500, Basic Aviation Ordnance Marine, and attend Aviation Ordnanceman, Class AO A1 School at Pensacola, FL with follow-on training at one of several CNATT AO(C) Courses dependent upon anticipated fleet assignment. Upon completion of AO(C) Course, they will participate in routine aviation ordnance functions and attend specialized schools while training for a designated MOS within the OccFld.

2. MOS 6531, Aircraft Ordnance Technician (SSgt to Pvt) PMOS

a. Summary. This MOS encompasses duties incident to the inspection, maintenance and repair of armament equipment and loading of aviation ordnance on Marine Corps aircraft. The aircraft ordnance technician performs a variety of duties and tasks such as inspecting ammunition, testing aircraft systems, performing preventive maintenance and effecting repairs, loading and fuzing ammunition and arming/dearming aircraft.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must be a minimum height of 64 inches and a maximum height of 75 inches.
- (4) Must be eligible for a secret security clearance.
- (5) Must possess a GT score of 105 or higher.
- (6) Must possess a valid state drivers license (Sgt to Pvt)
- (7) Must meet the medical requirements for Explosives Handlers and Explosives Vehicle Operators contained in NAVMED P-117, Article 15-71B.
- (8) Complete the applicable CNATT AO (C) Course appropriate for the intended initial aircraft assignment.
- (9) Must obtain GSE licenses appropriate for the aircraft assigned.
- (10) Marines who handle explosives must meet the criteria to be qualified and certified as per MCO 8023.3.

c. Duties

- (1) SSgt to Pvt:
 - (a) Employs appropriate safety precautions, security procedures, and record-keeping techniques for ordnance.

(b) Operates and performs operator maintenance on armament weapons support equipment and aircraft armament equipment.

(c) Loads and unloads airborne weapons and stores aboard aircraft to include reconfiguration and functional testing of aircraft weapons release and control, missile, and guns systems.

(d) Removes, maintains, services, installs, and loads aircraft guns.

(e) Arms and de-arms aircraft.

(2) SSgt to Cpl:

(a) Conducts functional tests of racks, launchers, adapters and electrical components, aircraft armament circuits and maintains them in an operational status by appropriate preventive maintenance.

(b) Configures or reconfigures assigned aircraft for carriage of any aviation ammunition within the capability of the aircraft by installing or removing racks, launchers, adapters, and electrical components.

(c) Maintains and installs aerial target towing equipment; maintains and operates associated support equipment.

(d) Conducts functional tests of aircraft armament electrical fusing, firing, and release circuits and maintains them in an operational status.

(3) SSgt to Sgt:

(a) Applies bore sight procedures and techniques as applicable to aircraft sights and weapons systems.

(b) Procures supplies, maintains records, prepares reports, and utilizes publications pertinent to aviation ordnance and aircraft armament equipment.

(c) Performs quality control of work accomplished by the ordnance section on aircraft assigned.

(d) Prepares and submits unsatisfactory equipment reports as outlined in OPNAVINST 8000.16.

(e) Trains aircraft ordnance technicians in all phases of squadron level aviation ordnance.

(f) Applies administrative procedures necessary to establish and operate a squadron ordnance section.

(g) Conducts administrative and material inspections of squadron ordnance sections.

(h) Prepares Conventional Ordnance Deficiency Reports, Explosive Mishap Reports, Technical Publication Deficiency Reports, Missile Fire Reports, Product Quality Deficiency Reports, Missing Lost Stolen/Recovered Ammunition Reports, and Engineering Investigation Requests, when appropriate.

d. Related DOT Classification/DOT Code. Aircraft Armament Mechanic
806.361-030.

e. Related Military Skill. Aviation Ordnance Equipment Repair Technician, 6541.

3. MOS 6541, Aviation Ordnance Systems Technician (SSgt to Pvt) PMOS

a. Summary. Aviation ordnance equipment repair technicians perform duties incident to the accounting, stowage, breakout, testing, maintenance, assembly and transportation of airborne armament equipment, armament-handling equipment, air launched missiles, and conventional munitions. At the IMA level, aviation ordnance equipment repair technicians perform required inspections, tests, checks adjustments, preventive maintenance and repair on support equipment, missile launching equipment, multiple ejection/bomb racks, aircraft guns, turrets, aerial targets, and a wide variety of highly technical aircraft armament weapons systems in addition to performing quality assurance, safety, and maintenance management duties.

b. Requirements/Prerequisites

- (1) Must be a U.S. citizen.
- (2) Must have normal color perception.
- (3) Must be a minimum height of 64 inches and a maximum height of 75 inches.
- (4) Must be eligible for a secret security clearance.
- (5) Must have a GT score of 105 or higher.
- (6) Must possess a valid state drivers license (Sgt to Pvt).
- (7) Must meet the medical requirements for Explosives Handlers and Explosives Vehicle Operators contained in NAVMED P-117, Article 15-71B.
- (8) Complete CNATT AO (C) Course at CNATT MARU, Cherry Point, NC.
- (9) Must obtain appropriate support equipment and/or material handling licensing upon initial unit assignment (Sgt to Pvt).
- (10) Marines who handle explosives must meet the criteria to be qualified and certified as per MCO 8023.3.
- (11) Must obtain Incidental Motor Vehicle Operator licensing for tactical vehicles up to 7-ton MTRV (or equivalent).
- (12) Must obtain an explosive driver endorsement in conjunction with driver's license.

c. Duties

- (1) SSgt to Pvt:
 - (a) Performs operator and IMA level maintenance on armament weapons support/transporting equipment.
 - (b) Assembles and performs maintenance on air-launched missiles, and conventional munitions, as authorized.

(c) Performs IMA level maintenance on aircraft armament equipment.

(d) Identifies munitions by type, nomenclature, and explosive hazard. Identifies the hazard present and appropriate emergency response procedures for each type of munitions handled.

(e) Transports explosives utilizing assigned handling and transportation equipment.

(f) Employs appropriate safety precautions, security procedures, and record keeping practices for munitions.

(g) Conducts ammunition inventories and maintains stock records of lots/serial numbers.

(h) Performs operator tasks associated with the Ordnance Information System (OIS) ammunition accounting and management system.

(2) SSgt to Cpl:

(a) Maintains records and distinguishes the different modifications on all models of missiles and conventional munitions assigned.

(b) Utilizes available technical and supply publications to obtain accurate and complete data for supply purposes.

(c) Perform inspections on the maintenance, storage, and shipment of explosives.

(d) Using ammunition stock and allowance lists/publications, prepares and edits ammunition requisitions and takes requisition follow-up actions.

(e) Makes ammunition issues, prepares invoices, and custody records.

(f) Maintains files, prepares naval messages, and submits ammunition transactions.

(g) Performs the System Administrator tasks associated with the Ordnance Information System (OIS) ammunition accounting and management system.

(3) SSgt and Sgt:

(a) Establishes a training program for aviation ordnance technicians.

(b) Perform functions in the establishment and operation of a conventional munitions storage areas, advance base ammunition storage points, ready storage areas and Forward Arming and Refueling Points (FARPs).

(c) Prepares for Conventional/Ordnance Deficiency Reports, Explosive Mishap Reports, Technical Publication Deficiency reports, Product Quality Deficiency Reports, Missing Lost Stolen/Recovered Ammunition Reports, and Engineering Investigation Requests, when appropriate.

(d) Operate Ammunition Stock Recording System (ASRS).

(e) Determine the serviceability of ammunition and perform ammunition sentencing functions.

(f) Establish and supervise the operation of a Forward Arming and Refueling Points (FARP).

(g) Supervise operations in an ammunition assembly area.

(4) SSgt:

(a) Utilizes aviation ordnance administrative procedures necessary to establish and operate an IMA.

(b) Conducts administrative and material inspections of IMA activities.

(c) Prepares naval messages, orders, instructions, SOPs, and safety precautions.

(d) Manage the Ammunition Stock Recording System (ASRS).

d. Related DOT Classification/DOT Code. Aircraft-Armament Mechanic 806.361-030.

e. Related Military Skill. Aircraft Ordnance Technician, 6531.

4. MOS 6591, Aviation Ordnance Chief (MGySgt to GySgt) PMOS

a. Summary. The aviation ordnance chief supervises the establishment and functions of aviation ordnance activities. The aviation ordnance chief assists the aviation ordnance officer with the daily planning, conduct, and execution of the ordnance section, division, or department. They also serve as staff Action Officers at the MARFOR, MEF, and Wing levels, as well as select Naval and Joint aviation logistics/acquisition billets.

b. Requirements/Prerequisites

(1) Within two (2) years of promotion to the rank of Gunnery Sergeant, must complete the Aviation Ordnance Officer Career Progression Course, Level I (CID N42G3N3), at NAS Whiting Field, FL,

(2) Marines who handle explosives must meet the criteria to be qualified and certified as per MCO 8023.3.

(3) Must have a secret security clearance.

(4) Must meet the medical requirements for Explosives Handlers and Explosives Vehicle Operators contained in NAVMED P-117, Article 15-71B.

c. Duties

(1) Assists the aviation ordnance officer in managing the activities of aviation ordnance personnel in their duties and tasks.

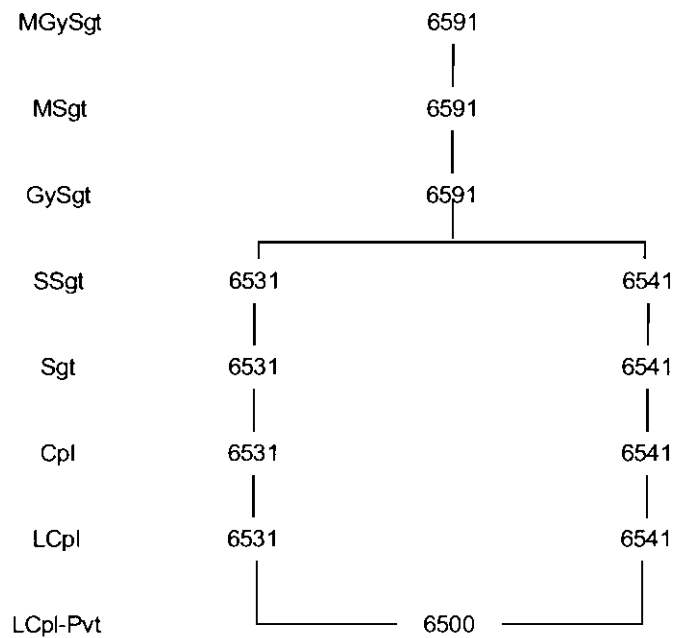
(2) Provides leadership, instruction, training, and mentorship in all matters pertaining to Aviation Ordnance, career progression, and core values.

(3) Prepares orders, naval messages, instructions and SOPs, and safety precautions.

(4) Provides subject matters expertise in planning and implementing aviation ordnance functions.

(5) Provides authoritative representation and advocacy on joint/service staffs for aviation ordnance logistics and acquisition support.

d. Related DOT Classification/DOT Code. None.



<u>MOS</u>	<u>TITLE</u>
6500	Basic Aviation Ordnance Marine (Basic MOS)
6531	Aircraft Ordnance Technician (PMOS)
6541	Aviation Ordnance Systems Technician (PMOS)
6591	Aviation Ordnance Chief (PMOS)

FIGURE 3-31.--Aviation Ordnance Career Structure Chart

MOS 6531, Aircraft Ordnance Technician (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
SSgt			FMF Duty: Wing/Squadron Non-FMF Duty: CNATT/RDTE/FIT/ 4 TH MAW
Sgt			FMF Duty: Squadron Non-FMF Duty: CNATT/RDTE/FIT/ 4 TH MAW/HMX/VMU
Cpl			FMF Duty: Squadron Non-FMF Duty: CNATT/RDTE/FIT/ 4 TH MAW/HMX/VMU
LCpl-Pvt	Apprentice Technical Training (ATT) Air Warfare Apprentice Training (AWAT) AO A1 Aviation Ordnance Course T/M/S Aircraft Aviation Ordnance Technician Organizational Maintenance & Conventional Weapons Loading Course		FMF Duty: Squadron Non-FMF Duty: 4 th MAW/VMU

MOS 6541, Aviation Ordnance Systems Technician (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
SSgt			FMF Duty: MALS/MARFOR Non-FMF Duty: MCAS/CNATT/NWS/ NOLSC/4 th MAW

FIGURE 3-31.--Aviation Ordnance Career Structure Chart

Sgt		Retail Ordnance Logistics Management Systems Database Administrator Course Naval Motor Vehicle & Railcar Inspection	FMF Duty: MALS Non-FMF Duty: MCAS/MCB/CNATT/ NWS/4 th MAW
Cpl		Defense Packaging of Hazardous Material for Transportation	FMF Duty: MALS Non-FMF Duty: MCAS/MCB/NWS 4 th MAW
LCpl-Pvt	Apprentice Technical Training (ATT) Air Warfare Apprentice Training (AWAT) AO A1 Aviation Ordnance Course Aviation Ordnance Systems Technician Course	Ammunition Administration Course Transportation and Storage of Hazardous Material for Transportation	FMF Duty: MALS Non-FMF Duty: MCAS/MCB 4 th MAW

MOS 6591, Aviation Ordnance Chief (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt		AOOCP Level III	FMF Duty: MALS/MAW/MARFOR Non-FMF Duty: HQMC/4 th MAW
MSgt		AOOCP Level II	FMF Duty: SQD/MALS/MARFOR Non-FMF Duty: MCAS/CNATT//CTF-53/ CTF-73/MAWTS/HQMC
GySgt	AOOCP Level I		FMF Duty: SQD/MALS/MAW Non-FMF Duty: MCAS/CNATT/RDTE/ FIT/MAWTS/NOLSC/ 4 th MAW/TECOM/ OPNAV/MCB/NWS

FIGURE 3-31.--Aviation Ordnance Career Structure Chart

3138. OCCUPATIONAL FIELD 66, AVIATION LOGISTICS

1. Introduction. The aviation logistics OccFld includes personnel in the areas of aviation supply, aviation information systems, and aviation logistics planning. Qualifications required include operating various office machines; understanding and utilizing related publications, processing communication abilities, and the ability to work closely with others. The duties involve administrative and operational as well as hard technical skills. Aviation supply Marines are required to learn aviation supply administration and operation procedures, office, shop, and warehouse management procedures; preparation and use of military publications, and preparation and use of accounting documents. Formal schooling is provided to Marines entering the Aviation Supply Specialist and Aviation Information Systems Specialist MOSs. Types of entry-level jobs include work as aviation supply clerk and AIS. There are a wide variety of billets available in the OccFld ranging from duty at all level of the Marine Aircraft Wing/Marine Aviation Logistics Squadron to various non-FMF billets such as HMX-1 and instructor duty. Aviation Logisticians are primarily aviation supply, aviation maintenance, aviation ordnance, and avionics personnel on higher headquarters staffs that coordinate/conduct aviation logistics planning in support of OPLANS/CONPLANS. In addition to a thorough understanding of their primary MOS, these personnel are involved with the Marine Aviation Logistics Support Program (MALSP), the Marine Corps Planning Process, the Joint Operations Planning and Execution System (JOPES), Maritime Prepositioning Force (MPF) operations, and employment of the aviation logistics ship (T-AVB). The aviation logistics OccFld has been expanded to include principal responsibility in the management and execution of CNO and CMC-directed strategies for continuous process improvement.

2. MOS 6617 Enlisted Aviation Logistician (MGySgt to GySgt) NMOS (6042, 6391, 6591, 6672)

a. Summary. Aviation logisticians are assigned to selected headquarters and staffs. They are trained in aviation logistics (AVLOG) support plan development. The skill set provides headquarters staffs with aviation logistics specific subject matter expertise to support the force deployment planning and execution process, exercise planning, pre-positioning program development and execution, and doctrine development.

b. Requirements/Prerequisites

(1) Must possess MOS 6042, Individual Material Readiness List (IMRL) Asset Manager; MOS 6391, Avionics Maintenance Chief; MOS 6591, Aviation Ordnance Chief, or MOS 6672, Aviation Supply Specialist.

(2) Complete Advanced Logistics Officer Course (ALOC) at School of MAGTF Logistics, Quantico, VA (Gunnery Sergeants seeking the MOS 6617 MOS may substitute Tactical Logistics Officer Course (TLOC)).

(3) Complete Maritime Prepositioning Force (MPF) Staff Planning Course offered by the Expeditionary Warfare Training Group.

(4) Complete at least one of the following courses:

(a) Staff NCO and Officer Force Deployment and Planning Course offered by the Expeditionary Warfare Training Group (Atlantic).

(b) Joint Course on Logistics (JCL) at the U.S. Army Logistics Management College (AMC) Ft. Lee, VA.

(c) Multinational Logistics Course at the U.S. Army Logistics Management College (AMC), Ft. Lee, VA.

(d) JOPES Action Officer Course (JAOC) at Ft. Eustis, VA.

(e) JOPES Support Personnel Course at Ft. Eustis, VA.

(5) Must possess a secret security clearance.

c. Duties

(1) Serve as AVLOV representative for Operational Planning Teams (OPT) and Crisis Action Teams (CAT).

(2) Support the development, review, and update of OPLANS/CONPLANS in support of higher headquarters' directives.

(3) Review/validate Time Phased Force Deployment Data to ensure compliance with guidance and directives.

(4) Develop estimates of supportability and concepts of logistics support.

(5) Support the development and operational orders and letters of instruction for ACE operations and exercises.

d. Related DOT Classification/DOT Code. No civilian equivalent.

3. MOS 6672, Aviation Supply Specialist (MGySgt to Pvt) PMOS

a. Summary. Aviation supply specialists are required to perform those aviation unique functions necessary to provide logistical support to aviation activities. Their prime objective is to satisfy valid customer requirements. They perform all functions related to providing aviation peculiar supply support, to include financial management, inventory management, material management, facilities and storage management, personnel staffing, and requisitioning procedures. Duties include validation of customer requirements, processing requisitions, submitting requisitions, initiating appropriate follow-up actions, and processing and delivering material in accordance with all government regulations and procedures. In addition, aviation supply specialists have an understanding of acquisition procedures, provisioning and requirements determination, material handling procedures, and fiscal accounting and purchasing procedures in accordance with Federal Acquisition Regulations.

b. Requirements/Prerequisites

(1) Must possess a GT score of 100 or higher.

(2) Complete the Marine Aviation Supply Course.

(3) Must have a basic understanding of PC operations/applications.

(4) Meet the requirements to obtain a state drivers license.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.74, Individual Training Standards.

d. Related DOT Classification/DOT Code

- (1) Stock Clerk 222.387-058.
- (2) Material Clerk 222.387-034.
- (3) Material Control Expeditor 221.387-030.
- (4) Budget Clerk 216.387-030.
- (5) Inventory Controller 219.397-030.
- (6) Stock Control Supervisor 216.382-022.

e. Related Military Skill. None.

4. MOS 6694, Aviation Information Systems (AIS) Specialist (MGySgt to Pvt) PMOS

a. Summary. Aviation Information Systems (AIS) Specialist responsibilities encompass a broad spectrum of digital network and information systems operation, installation, and maintenance in support of Marine Corps and Naval Aviation. The AIS specialists are accountable for the deployment of tactical local and wide area networks to any theater of operation (from garrison to shipboard to forward deployed joint-service environments). Other responsibilities include network administration, design, and installation, maintaining and repairing data communication links, fiber-optic and tactical fiber-optic cabling. AIS specialist support myriad computer and network operating systems to include: UNIX, Windows, and TCP/IP. Responsibilities include the maintenance and repair of aircraft mission planning systems, aircraft maintenance systems and field deployable SATCOM equipment. These Marines will also be able to analyze and evaluate system output; design and manipulate database information to produce non-routine reports; work with application and software programs in order to access and manage data stored in the computer's memory or data base file(s). Administrative tasks include but are not restricted to develop a monthly AIS utilization schedule and maintaining a magnetic media/software library.

b. Requirements/Prerequisites

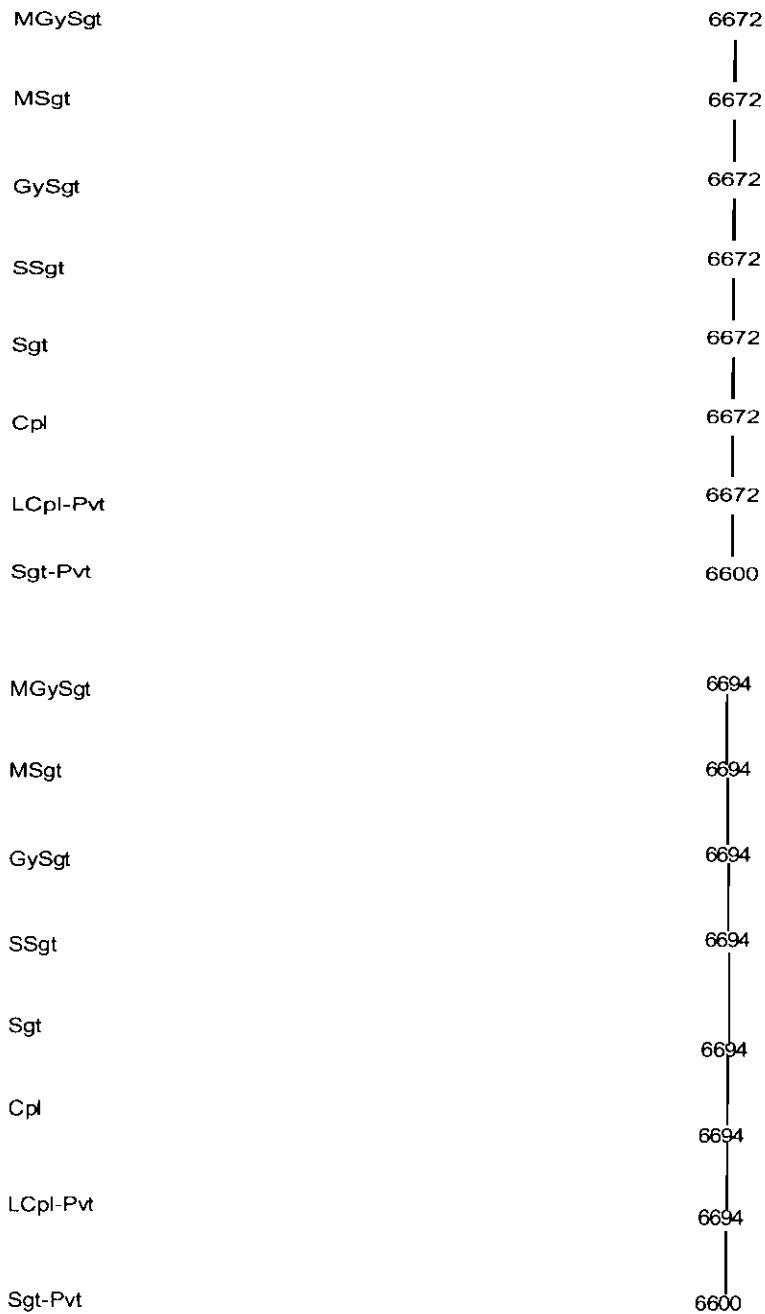
- (1) Must possess an EL score of 115 or higher.
- (2) Complete the Aviation Logistics Tactical Information Systems (ALTIS) Course, NSCS, Athens, GA.
- (3) Must have a secret security clearance.
- (4) Must be a U.S. citizen.
- (5) Must have normal color perception.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.74, Individual Training Standards.

d. Related DOT Classification/DOT Code

- (1) Computer Operator 213.362-010.
- (2) Computer Peripheral Equipment Operator 213.382-010.
- (3) Computer Processing Scheduler 221.362-030.

- (4) Computer Security Coordinator 033.162-010.
- (5) Computer Security Specialist 033.362-010.
- (6) Computer Systems Engineer 033.167-010.
- (7) Computer Systems Hardware Analyst 033.167-010.
- (8) Data Base Administrator 039.162-010.
- (9) Data Communications Technician 823.261-030.
- (10) Data Communications Technician supervisor 031-132-010.
- (11) Network Control Operator 031.262-014.
- (12) Supervisor, Computer Operations 213.132-010.
- (13) Supervisor, Data Processing 213.132-010.
- (14) Supervisor, Electronics Systems Maintenance 828.161-010.



<u>MOS</u>	<u>TITLE</u>
------------	--------------

6600	Basic Aviation Supply Marine (Basic MOS)
6617	Enlisted Aviation Logistician (NMOS)
6672	Aviation Supply Specialist (PMOS)
6694	Aviation Information Systems (AIS) Specialist (PMOS)

FORMAL TRAINING. Aviation Logistics Tactical Information Systems (ALTIS) Specialist Course at MARDET, NSCS Athens, GA.

FIGURE 3-32.—Aviation Logistics Career Structure Chart

MOS 6672, Aviation Supply Specialist (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt			FMF Duty: MARFOR HQ/MAW/ MALS Non-FMF Duty: HQMC/Instructor
MSgt/GySgt		Joint Aviation Supply Maintenance Material Management (JASMMM) Senior Enlisted Aviation Supply Management Course Marine Aircraft Group Fiscal Management Course	FMF Duty: MARFOR HQ/MAW/ MALS Non-FMF Duty: HMX-1/Instructor
SSgt		Senior Enlisted Aviation Supply Management Course Marine Aircraft Group Fiscal Management Course	FMF Duty: MARFOR HQ/MAW MALS Non-FMF Duty: HMX-1/Instructor
Sgt		Senior Enlisted Aviation Supply Management Course	FMF Duty: MARFOR HQ/MAW MALS Non-FMF Duty: HMX-1/Instructor
Cpl			FMF Duty: MAW/MALS Non-FMF Duty: HMX-1
LCpl-Pvt	Aviation Supply Course		FMF Duty: MALS Non-FMF Duty: HMX-1

MOS 6694, Aviation Information Systems (AIS) Specialist (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt			FMF Duty: None Non-FMF Duty: HQMC/Instructor
MSgt			FMF Duty: MAW Non-FMF Duty: TYCOM
GySgt			FMF Duty: Squadron Non-FMF Duty: SYSCOM/Instructor
SSgt			FMF Duty: Squadron Non-FMF Duty: SYSCOM/Instructor
Sgt			FMF Duty: Squadron Non-FMF Duty:
Cpl			FMF Duty: Squadron Non-FMF Duty: Instructor
LCpl-Pvt	Aviation Logistics Tactical Information Systems Specialist Course		FMF Duty: Squadron Non-FMF Duty: None

FIGURE 3-32.—Aviation Logistics Career Structure Chart

3139. OCCUPATIONAL FIELD 68, METEOROLOGY AND OCEANOGRAPHY (METOC)

1. Introduction. The METOC OccFld is the only earth science related OccFld in the Marine Corps. The METOC service OccFld is responsible for collecting, assessing and disseminating METOC intelligence relevant to friendly and enemy force strengths and vulnerabilities for the planning and execution of operations necessary to characterize the battlespace. This includes atmospheric, space, climatic and hydrologic intelligence for use in the production of Tactical Decision Aids (TDA) and METOC effects matrices. The METOC OccFld is comprised of MOS 6821, MOS METOC Observer, MOS 6842, METOC Forecaster, and MOS 6852, METOC Impacts Analyst, and is progressive in nature. Marines entering the 6800 OccFld will complete formal training and receive MOS 6800, Basic METOC Marine and will participate in routine METOC service function while training for a designated MOS within the OccFld. As their skill enhancing training progresses, they become eligible to attend further formal MOS instruction. Billets include assignment to MEF, MEU, Intel Battalion, METOC Support Team (MST), Marine Wing, Support Squadron, Marine Corps Air Station and Facility, TECOM, CBIRF, NMOPDC and instructor duty at MARDET Keesler AFB, MS.

2. MOS 6821, METOC Observer (Cpl to Pvt) PMOS

a. Summary. THIS MOS HAS BEEN MERGED WITH MOS 6842. IT IS RETAINED FOR ADMINISTRATIVE PURPOSES. Typical duties of METOC observers include observing, recording, validating, processing, disseminating, and assimilation of METOC data. METOC observers use and perform preventive maintenance on METOC sensors, information technology systems and equipment.

b. Requirements/Prerequisites

- (1) Must possess a GT score of 105 or higher.
- (2) Complete the Meteorology and Oceanography Analyst Forecaster Course at Keesler AFB, MS.
- (3) Must possess a top-secret security clearance and be eligible for access to sensitive compartmented information, predicated upon a Single Scope Background Investigation (SSBI). Marine recruits must submit their special background investigation prior to departing from the recruit depot.
- (4) Must have normal color vision.
- (5) Must be a U.S. citizen.

c. Duties

- (1) Observe and report cloud types and amounts, visibility, weather and obstructions to vision, wind speed, direction and character and barometric pressure.
- (2) Provide value added remarks on weather observations indicating the direction and movement of thunderstorms, and tornadoes, hail occurrences and additive data.
- (3) Observe and report tidal conditions, wave height, period and sea state.
- (4) Utilize state-of-the art technology for data production and dissemination.

(5) Assist in the preparation of METOC products and briefings.

d. Related DOT Classification/DOT Code

(1) Weather Clerk 248.362-014.

(2) Weather Observer 025.267-014.

e. Related Military Skill. Artillery Meteorological Man, 0847.

3. MOS 6842, METOC Analyst Forecaster (MGySgt to Pvt) PMOS

a. Summary. Typical duties of the METOC analyst forecaster include observing, collecting, recording, validating, processing, disseminating, and assimilation of METOC data and information to formulate forecasts and environmental assessments. METOC analyst forecasters use and perform preventive maintenance on METOC sensors, information technology systems, and equipment. Additionally, at the rank of staff sergeant, METOC analyst forecasters are required to manage METOC computers systems and local METOC databases, web pages, and network communications.

b. Requirements/Prerequisites

(1) Must possess a GT score of 105 or higher.

(2) Complete the Meteorology and Oceanography Analyst/Forecaster Course, or the Air Force Weather Apprentice Course at Keesler AFB, MS, or possess a baccalaureate degree in meteorology from an accredited institution of higher learning.

(3) Must possess a top-secret security clearance and be eligible for access to sensitive compartmented information predicated upon a Single Scope Background Investigation (SSBI).

(4) Must have normal color vision.

(5) Must be a U.S. citizen.

c. Duties

(1) Assess and predict meteorological, oceanographic, hydrologic and space environmental parameters in support of Joint and Marine Corps Operations.

(2) Forecast every type of weather condition including severe weather, winter weather, and tropical weather.

(3) Forecast oceanographic conditions like sea state conditions, near shore conditions, and river stages.

(4) Prepare and disseminate mission specific products and briefings.

d. Related DOT Classification/DOT Code

(1) Weather Clerk 248.362.014.

(2) Weather Observer 025.2767-014.

(3) Meteorologist 025.062-010.

(4) Oceanographer Assistant 025.267-010.

e. Related Military Skill. Artillery Meteorological Man, 0847.

4. MOS 6852, METOC Impact Analyst (MGySgt to Sgt) NMOS (6842)

a. Summary. Typical duties of METOC impacts analyst mirror those of MOS 6842 with additional skill sets. The METOC impacts analyst considers all meteorological and oceanographic factors, from the properties of the ocean sub-bottom, through the weather over the operations area, to the factors affecting satellite operations or communications in the upper atmosphere and space; and is responsible for the assessment and characterization of the battle space in terms of what and how environmental conditions will affect MAGTF operations. The METOC impacts analyst enables commanders and their staff to exploit environmental conditions by characterizing the battle space and the impacts it will have on mission planning and execution. These Marines are experienced and must first have a high level of competency in meteorology and oceanography to be effective.

b. Requirements/Prerequisites

(1) Must possess MOS 6842, METOC Analyst Forecaster.

(2) Complete the Journeyman or Master METOC Analyst designations and METOC Impact Assessment (MIA) qualification per the METOC T&R Manual.

(3) Must possess a top-secret security clearance and be eligible for access to sensitive compartmented information predicated upon a Single Scope Background Investigation (SSBI).

(4) Must have normal color vision.

(5) Must be a U.S. citizen.

c. Duties

(1) Forecast for environmental parameters that would negatively or positively impact ground maneuver, logistics and Aviation operations.

(2) Determine how the current and future state of the environment incorporates into the given mission analysis.

(3) Forecast and determine the influence of current/future environmental conditions on a given mission.

(4) Forecast platform, weapon and sensor vulnerabilities based on environmental parameters.

d. Related DOT Classification/DOT Code

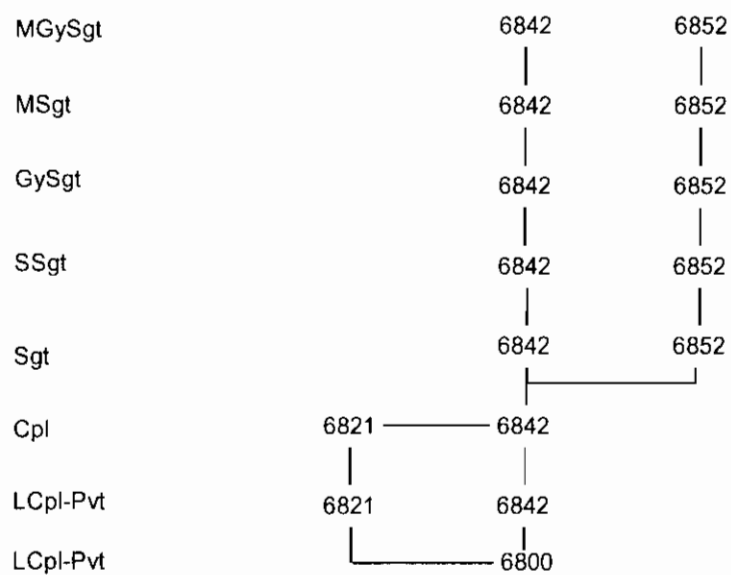
(1) Weather Clerk 248.362-014.

(2) Weather Observer 025.062-014.

(3) Meteorologist 025.062-010.

(4) Oceanographer Assistant 025.267-010.

e. Related Military Skill. Geographic Intelligence Specialist, 0261.



MOS TITLE

6800 Basic METOC Marine (Basic MOS)
 6821 METOC Observer (PMOS)
 6842 METOC Forecaster (PMOS)
 6852 METOC Impacts Analyst (NMOS)

Figure 33.-Meteorology and Oceanography (METOC) Career Structure Chart

MOS 6821, METOC OBSERVER (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
Cpl		Online Weather Studies METOC 50-1P-0601	FMF Duty: MAW/MST Non-FMF Duty: MCAS/MCAF
		Online Ocean Studies METOC 60-1T-0601	
Pvt-LCpl	Meteorology and Oceanography Analyst Forecaster Course	Online Ocean Studies METOC 60-1T-0601	FMF Duty: MAW Non-FMF Duty: MCAS/MCAF
		Online Weather Studies METOC 50-1P-0601	

MOS 6842, METOC Analyst Forecaster PMOS

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt		Acquisition 101	FMF Duty: None Non-FMF Duty: HQMC/TECOM (ATB) Instructor/MCAS
MSgt		Acquisition 101	FMF Duty: MAW Non-FMF Duty: MCAS
GySgt		OPUP Operator Manager Course	FMF Duty: MAW/MEF/MST/MEU Intel Bn Non-FMF Duty: MCAS/Instructor NMOPDC
SSgt		OPUP Operator Manager Course	FMF Duty: MAW/MST/MEU Intel BN/CBIRF
		Tropical Weather Analysis and Forecasting Course	Non-FMF Duty: MCAS/Instructor/

Figure 33.-Meteorology and Oceanography (METOC) Career Structure Chart

Sgt		OPUP Operator Manager Course	FMF Duty: MAW/MST/MEU Intel Bn
		Tropical Weather Analysis and Forecasting	Non-FMF Duty: MCAS/Instructor

Cpl		Tropical Weather Analysis and Forecasting Course	FMF Duty: MAW/MEF/MST/MEU
		Online Weather Studies METOC 50-1P-0601	Non-FMF Duty: MCAS
		Online Ocean Studies METOC 60-1T-0601	

Pvt-LCpl	Meteorology and Oceanography Analyst Forecaster (MOAF) Course	Online Weather Studies METOC 50-1P-0601	FMF Duty: MAW/Intel Bn
		Online Ocean Studies METOC 60-1T-0601	Non-FMF Duty: MCAS

Figure 33.-Meteorology and Oceanography (METOC) Career Structure Chart

3140. OCCUPATIONAL FIELD 70, AIRFIELD SERVICES

1. Introduction. The airfield services OccFld includes the performance of aviation operations duties, aircraft rescue fire fighting, and expeditionary airfield (EAF) equipment recovery duties. In addition to the required basic technical skills of the particular specialty, airfield services Marines must have the ability to work closely with others. Airfield services Marines will be required to learn all facets of EAF equipment, clerical and administrative procedures pertinent to airfield operations or aircraft firefighting, and rescue techniques and equipment. Formal schooling is provided to Marines entering the OccFld. Entry-level jobs include work as an aircraft recovery specialist, aviation operations specialist or aircraft firefighting and rescue specialist. Marines entering this OccFld will receive MOS 7000, Basic Airfield Services Marine. They will participate in routine airfield services functions while training for a designated MOS within the OccFld.

2. MOS 7011, Expeditionary Airfield Systems Technician (MGySgt to Pvt) PMOS

a. Summary. An expeditionary airfield systems technician employs, installs, operates, inspects, and repairs expeditionary airfield (EAF) systems to include arresting gear, visual landing aids, airfield AM-2 matting and accessories, EAF communications and airfield lighting and marking. In addition, Marines in this field operate, inspect, and maintain emergency arresting gear systems for high performance Naval and Marine Corps Tail Hook aircraft, design expeditionary AM-2 airfield facilities, provide field marker light (FML) systems for Marine Expeditionary Units (MEUs), and conduct tactical/assault landing zone assessment surveys (TALZAS) for Naval and Marine Corps tactical aircraft.

b. Requirements/Prerequisites

- (1) Must possess an MM score of 95 or higher.
- (2) Vision correctable to 20/20 and normal color acuity.
- (3) Complete the Marine Expeditionary Airfield Equipment School, NAS Pensacola, FL.

c. Duties

- (1) MGySgt to Pvt:
 - (a) Operates and performs preventive maintenance on expeditionary airfield systems.
 - (b) Installs and performs preventive maintenance on AM-2 matting utilized in conjunction with recovery equipment.
 - (c) Installs and performs preventive maintenance on visual landing aids.
 - (d) Follows published safety regulations relative to working near and on a runway and know the hazardous zones.
 - (e) Utilizes visual hand and light signals required in recovery operations.
 - (f) Maintains tools, instruments, and test equipment.
 - (g) Documents maintenance actions.

(h) Operates vehicles with a rated capacity of at least 5 3/4 ton category.

(i) Operates tactical and commercial forklifts and cranes of 4-25 ton capacity.

(j) Performs driver operator maintenance and inspection on all types of support vehicles and heavy equipment up to and including those in the 25-ton capacities.

(2) MGySgt to Cpl:

(a) Evaluates by test and inspection the serviceability of recovery equipment and recommends necessary repairs.

(b) Employs characteristics of recovery components in the recovery of the various naval aircraft.

(c) Utilizes emergency aircraft arresting gear.

(d) Processes maintenance documents and utilizes EAF system logs and records.

(3) MGySgt to Sgt:

(a) Requisitions supplies and materials required to support recovery equipment including visual landing aids.

(b) Maintains an accurate and detailed maintenance and landing log.

(c) Functions as a work center supervisor or crew leader.

(4) MGySgt to SSgt:

(a) Prepares aircraft recovery equipment for storage and shipment.

(b) Coordinates with other activities for the repair of recovery equipment.

(c) Functions as a quality assurance representative and maintenance controller.

(5) MGySgt to GySgt:

(a) Conducts informal OJT/technical training.

(b) Ensures proper implementation of applicable recovery bulletins for various naval aircraft.

(c) Functions as maintenance chief.

(d) Advises and assists in the development of budget requirements and prepares all necessary administrative reports.

(e) Conducts Tactical/Assault Landing Zone Assessment Surveys.

(6) MGySgt and MSgt:

(a) Plans, schedules, and directs the work assignments of the recovery personnel.

(b) Supervises the implementation of the published safety regulations and command changes where applicable.

(c) Coordinates recovery operations with other airfield operations.

(d) Coordinates EAF MWSG/MAW MPF operations relating to planning, marshaling, movement, and assembly of equipment.

(e) Conducts Tactical/Assault Landing Zone Assessment Surveys.

(7) MGySgt:

(a) Assists in the preparation of the airfield operations manual and related operations instructions.

(b) Acts as overall enlisted technical advisor and coordinator for the integration of the EAF components into the airfield operations.

(c) Organizes, supervises, and assists in the management of an aviation operations activity.

(d) Conducts Tactical/Assault Landing Zone Assessment Surveys.

d. Related DOT Classification/DOT Code. Aircraft Launch and Recovery Technician 912.682-010.

3. MOS 7041, Aviation Operations Specialist (MGySgt to Pvt) PMOS

a. Summary. Typical duties of the aviation operations specialist include assisting in the preparation of operation plans and orders, training directives, programs and orders; maintaining orders of flight time in both master and individual flight files; maintaining files of extended flight, navigational information, navigational publications, radio and landing facility charts, flight information manuals, maps, other pertinent guides and notices, and compiling data for and preparing aviation operations and aviation safety reports. MOS 7041 is assigned upon completion of the Marine Aviation Operations Specialist Course (MARAOs). Personnel must have working knowledge of word processors.

b. Requirements/Prerequisites

(1) Must possess a GT score of 100 or higher.

(2) Complete the Aviation Operations Specialist Course.

(3) Basic PC operations/word processing and be able to enter characters in word processing at the following rates: MGySgt to Sgt - 35 NET WPM; Cpl - 30 NET WPM; LCpl to Pvt - 25 NET WPM.

(4) Must possess a secret security clearance.

(5) Must be a U.S. citizen.

(6) Must have normal color vision.

c. Duties

(1) MGySgt to Pvt:

- (a) Types reports, correspondence, and other matters from rough drafts.
- (b) Prepares master sheets for reproduction.
- (c) Maintains files of aviation operations publications, records, and correspondence per current directives.
- (d) Maintains and files classified material.
- (e) Maintains flight logs and records of an aviation operations activity.
- (f) Transmits flight plans and arrival reports to flight and air traffic control centers.
- (g) Maintains maps, aeronautical charts, and aeronautical published files.
- (h) Utilizes publications pertaining to aviation operations.
- (i) Assists in the preparation of records, reports, and schedules of aviation operations such as daily flight records, aircraft operational reports, daily flight, and training schedules.

(2) MGySgt to Cpl:

- (a) Requisitions supplies and equipment required in an aviation operations section.
- (b) Decodes sequence reports and synoptic charts, and disseminates weather information to pilots.
- (c) Initiates lost plane procedures.
- (d) Maintains situation and operation maps.
- (e) Assists in the preparation of visual and instrument flight plans.
- (f) Assists in preparation of operation plans and orders.
- (g) Demonstrates familiarity with instrument flight clearance procedures.
- (h) Understands NAVFLIRS system and has knowledge of ADPE-FMF NAVFLIRS function.

(3) MGySgt to SSgt:

- (a) Assists in preparing, administering, and grading of NATOPS pilot qualifications and instrument rating examinations.

(b) Compiles data for and prepares aviation operations and aviation safety reports.

(c) Maintains information on the condition of training facilities and schedules of units using training sites, firing, and bombing ranges.

(d) Coordinates the activities of a flight clearance section.

(e) Performs as required the duties of a squadron level operations chief.

(f) Conducts informal OJT/technical training within MOS.

(g) Knows FAA and service publications pertinent to aerial flight and aviation safety.

(h) Plans, schedules, and directs the work assignments of aviation operations personnel.

(4) MGySgt to GySgt:

(a) Prepares, coordinates, and publishes operations plans and orders.

(b) Performs as required the duties of a wing/group level operations chief.

(c) Coordinates in the preparation of airfield operations manuals crash/rescue and disaster control bills.

(5) MGySgt and MSgt:

(a) Coordinates the maintenance support required in the operation of an airfield.

(b) Coordinates the activities of an airfield operations department to include ATC, weather, crash/rescue, aircraft recovery, NavAids, training aids, photo lab, and aircraft maintenance, if assigned.

(c) Supervises and administers the operations and maintenance of ground facilities and services at an airfield or station.

(d) Constructs, extracts, and analyzes statistical projections concerning employment and usage of aircraft.

(6) MGySgt:

(a) Organizes, supervises, and assists in the management of an aviation operations activity.

(b) Manages an MOS training facility.

d. Related DOT Classification/DOT Code

(1) Flight Operations Specialist 248.387-010.

(2) Crew Scheduler 215.362-010.

(3) Crew Scheduler, Chief 215.137-010.

e. Related Military Skill. Administrative Clerk, 0151.

4. MOS 7051, Aircraft Rescue and Firefighting Specialist (MGySgt to Pvt) PMOS

a. Summary. Personnel of MOS 7051 employ firefighting equipment and extinguishing materials to rescue victims involved in aircraft crashes and to fight fires. Typical duties include operating, servicing, inspecting, and testing aircraft rescue and firefighting vehicles, firefighting systems, controls, and rescue equipment, controls and rescue equipment; instructing personnel in the techniques and procedures rescue and firefighting.

b. Requirements/Prerequisites

(1) Must possess an MM score of 95 or higher.

(2) Complete the Fire Protection Apprentice (Marines) Course.

(3) Must meet the medical standards as required per the National Fire Protection Association (NFPA) 1582 and the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulation (CFR) 1910.234.

(4) Vision correctable to 20/20, maximum vision impairment of 20/50 and normal color acuity.

(5) Minimum height requirement to be classified a 7051 is 64 inches (Actual Height).

c. Duties

(1) MGySgt to Pvt:

(a) Performs applicable firefighting functions.

(b) Assist in all phases of rescue incidents.

(c) Administers first aid to injured personnel. Personnel are qualified in CPR and up to first responders level.

(d) Operates, maintains, and refills all types of extinguishers.

(e) Assist in the performance of maintenance and inspection of all types of firefighting support equipment.

(f) Maintains individual protective clothing and self contained breathing apparatus.

(g) Performs appropriate defensive actions for hazardous materials incidents.

(h) Performs the duties of a firefighting dispatcher.

(i) Adheres to appropriate safety precautions.

(j) Applies appropriate firefighting and rescue techniques and procedures for attack, control, and extinguishment of fires.

(k) Demonstrates familiarity with the construction, crew location, hazardous areas, and hoisting points of naval aircraft.

(l) Utilizes structural firefighting and extinguishing procedures.

(m) Applies appropriate safety precautions to be observed in crashes of aircraft loaded with ordnance.

(2) MGySgt to Cpl:

(a) Operate, maintain, and inspect all firefighting and support equipment.

(b) Perform appropriate rescue tasks.

(c) Demonstrates familiarity with the construction, crew location, and hazardous areas of aircraft.

(d) Implement appropriate stage of Incident Management System.

(e) Perform basic life safety and fire prevention inspections.

(f) Deliver appropriate periods of technical instruction.

(3) MGySgt to Sgt:

(a) Operates heavy equipment of at least a 30-ton capacity.

(b) Performs driver operator maintenance and inspection on all types of firefighting, support vehicles, and heavy equipment up to and including those in the 50-ton category.

(c) Hoists aircraft for movement and uprights inverted aircraft for crew rescue.

(d) Performs material requisitions, inventory, issue and accounting supply functions.

(4) MGySgt to SSgt:

(a) Drives, operates, performs driver operator maintenance, and inspects all types of firefighting, support vehicles, and heavy equipment up to and including those in the 50-ton category.

(b) Directs all phases of aircraft rescue and firefighting operations.

(c) Performs technical training in all phases of aircraft rescue and firefighting operations and basic structural firefighting.

(d) Supervises off-station independent emergency responses for aircraft incidents and mutual aid support.

(e) Conducts fire prevention inspections on flightlines, fuel pits, hangers, and support structures and/or facilities.

(5) MGySgt to GySgt:

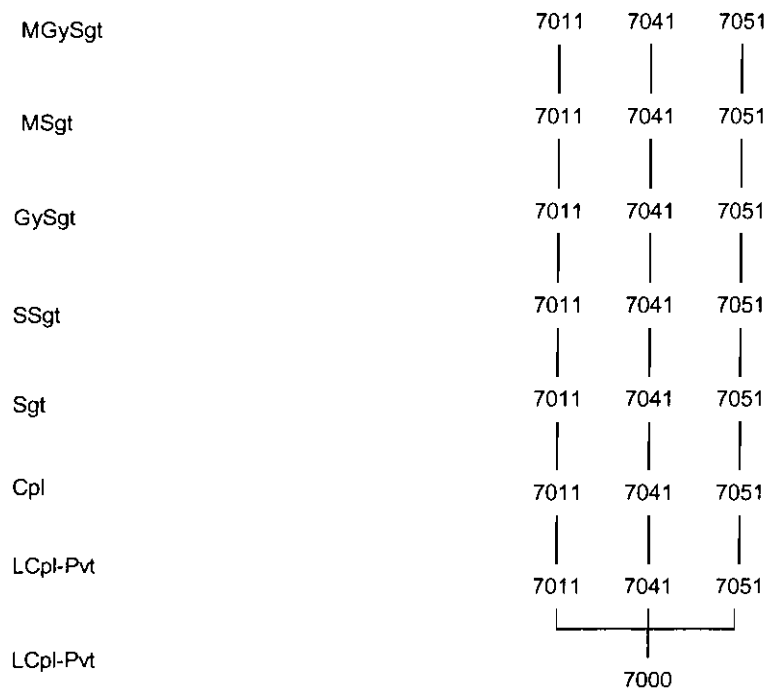
- (a) Independently supervises mutual-aid or automatic-aid responses.
- (b) Plans life safety and fire prevention inspections.
- (c) Plans technical training schedule.

(6) MGySgt and MSgt:

- (a) Prepares emergency operations plans.
- (b) Advises and assists in the development of budget requirements.

d. Related DOT Classification/DOT Code

- (a) Firefighter, Crash, Fire, and Rescue 373.663-010.
- (b) Fire Captain 373.134-010.



<u>MOS</u>	<u>TITLE</u>
7000	Basic Airfield Services Marines (Basic MOS)
7011	Expeditionary Airfield Systems Technician (PMOS)
7041	Aviation Operations Specialist (PMOS)
7051	Aircraft Rescue and Firefighting Specialist (PMOS)

FIGURE 3-34.--Airfield Services Career Structure Chart

MOS 7011, Expeditionary Airfield Systems Technician (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt	Assault Zone Assessment Course	Tactical/Assault Zone Assessment Surveys	FMF Duty: MARFORCOM/MEF Non-FMF Duty: HQMC/Station/ Instructor
MSgt	Assault Zone Assessment Course	Tactical/Assault Zone Assessment Surveys	FMF Duty: MAW/MWSG/MWSS Non-FMF Duty: HQMC/Station/ Instructor
GySgt	Assault Zone Assessment Course	Advanced SNCO Academy NAMP Instruction for Officers Tactical/Assault Zone Assessment Surveys	FMF Duty: MWSG/MWSS Non-FMF Duty: Station/ MCMWTC/ Instructor
SSgt		SNCO Academy AIMD Off/Supervisor Course NAMP QA Admin MPF EWTG Course	FMF Duty: MWSG/MWSS Non-FMF Duty: Station/ Instructor
Sgt		Sergeant's Course NCO School Naval Avia Maint Cont Admin	FMF Duty: MSSS Non-FMF Duty: Station
Cpl		Corporal's Course NCO School NAMP Logs & Records	FMF Duty: MWSS Non-FMF Duty: Station

FIGURE 3-34.—Airfield Services Career Structure Chart

LCpl-Pvt	Marine Expeditionary Airfield Equipment Course	IMRL Manager	FMF Duty: MWSS Non-FMF Duty: Station
		NAMP Material Control	
		Aero Tech Pubs Library Management	
		NAMP VIDS/MAF & SCIR Documentation	
		Naval Avia Dispersed Tech Pubs Librarian	

MOS 7041, Aviation Operations Specialist (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt			FMF Duty: MAW/Group Non-FMF Duty: Station/ Instructor
MSgt			FMF Duty: MAW/Group Non-FMF Duty: Station/ Instructor
GySgt		Advanced SNCO Academy	FMF Duty: MAW/Group Non-FMF Duty: Station/ Instructor
SSgt		SNCO Academy	FMF Duty: MAW/Group Non-FMF Duty: Station/ Instructor
Sgt		Sergeant's Course NCO School	FMF Duty: MAW/Group/Sqdn Non-FMF Duty: Station/ Instructor
Cpl		Corporal's Course NCO School	FMF Duty: MAW/Group/Sqdn Non-FMF Duty: Station

FIGURE 3-34.—Airfield Services Career Structure Chart

LCpl-Pvt Marine Aviation Ops Typing I & II
Specialist Course

FMF Duty:
MAW/group/Sqdn
Non-FMF Duty:
Station

MOS 7051, Aircraft Rescue and Firefighting Specialist (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt			FMF Duty: MAW/MWSG/MWSS Non-FMF Duty: Station/ Instructor
MSgt		Disaster Preparedness Fire Incident Management	FMF Duty: MAW/MWSG/MWSS Non-FMF Duty: Station/ Instructor
GySgt		Advanced Staff NCO Academy HAZMAT Train the Trainer Fire Officer 3 Fire Inspector 2 & 3 Fire Instructor 3	FMF Duty: MAW/MWSG/MWSS Non-FMF Duty: Station/ Instructor
SSgt		Staff NCO Academy Fire Inspector 1 Fire Officer 2 HAZMAT I/C Fire Instructor 2	FMF Duty: MWSG/MWSS Non-FMF Duty: Station/ Instructor
Sgt		Sergeant's Course NCO School EMT (A) Course Apparatus Operator Water Tender Station Rescue Technician Course	FMF Duty: MWSS Non-FMF Duty: Station
Cpl		Corporal's Course NCO School Fire Officer 1 Fire Instructor 1 Apparatus Driver ARFF	FMF Duty: MWSS Non-FMF Duty: Station
LCpl-Pvt	Fire Protection Apprentice	Basic Structural Firefighting (Marines) Course	FMF Duty: MWSS Non-FMF Duty: Station

FIGURE 3-34.-Airfield Services Career Structure Chart

First Responder Course
Firefighter 1 & 2
Airport Firefighter

HAZMAT Awareness/Ops

Telecommunications 1 & 2

Emergency Vehicle Operator
Course

3141. OCCUPATIONAL FIELD 72, AIR CONTROL/AIR SUPPORT/ANTIAIR WARFARE/AIR TRAFFIC CONTROL

1. Introduction. The air control, air traffic control, air support, and antiair warfare OccFld includes the operation and management of the air command and control functions associated with the Marine aircraft wing. Qualifications required include manual dexterity for man-machine interface, highly developed visual/auditory skills, the ability to communicate effectively with radios, and the leadership and skills to work effectively as a member of a command and control team. The duties involve skills and procedures that are initially acquired through formal schools and further developed by individual and team training. Air control, air traffic control, air support and antiair warfare Marines will be required to learn the emplacement, cabling orientation and operation of air command, control, traffic control, and antiair warfare defense systems and equipment. Entry-level assignments include LAAD gunner, air command and control operator, air traffic controller, and air support operations operator. A wide variety of FMF billets are available in the OccFld in the active and reserve forces at group, squadron/battalion, or battery level. Numerous non-FMF assignments also exist at the Marine Corps Systems Command, Marine Corps Air Stations worldwide, as instructors at MOS-producing schools. Marines will participate in routine air command and control functions while training for a designated MOS within the OccFld. (See figure 3-35 for additional information concerning the career/grade structure and schooling of these Marines.) For actual requirements of duties, and how these duties are developed through individual and team training for each MOS, refer to MCO P3500.19_, Aviation Training and Readiness Manual, Volume 5, Marine Air Command and Control System (MACCS).

2. MOS 7212, Low Altitude Air Defense (LAAD) Gunner (MGySgt to Pvt) PMOS

a. Summary. LAAD gunners operate and perform prescribed maintenance on LAAD surface-to-air weapon systems.

b. Requirements/Prerequisites

(1) Must possess a GT score of 90 or higher.

(2) Non-MOS qualified prior service Reserve Marines, or other Reserve Marines who hold a PMOS other than 7212, may be certified for MOS 7212 by attending the LAAD Gunner Course. If the course is not available in a timely manner, or a Marine is unable to attend the course, a unit commander may certify a Marine to be fully qualified and award AMOS-only 7212 upon successful completion of the Alternate Training Instructional Program (ATIP) of Marine Force Reserves, as described in COMMARFORRES Order 1535.1.

(3) Must possess a valid state driver's license.

(4) Driving record search conducted by the National Driver Register.

(5) Cannot be left eye dominant.

(6) Must have a secret security clearance.

(7) Physical profile category A.

(8) Must have normal color vision.

(9) Must have 20/20 vision (may be correctable to 20/20 with eyeglasses or contact lenses).

(10) Hearing loss no greater than 15 db between 500-2,000 Hz.

(11) Not less than 5 feet 4-inches in height, or more than 6 feet 8-inches in height.

(12) Must be a U.S. citizen.

c. Duties

(1) MGySgt to Pvt:

(a) Performs the prescribed procedures for the receipt, transportation, handling, and maintenance of LAAD weapons.

(b) Learns and follows standing operating procedures for the deployment and employment of LAAD weapons.

(c) Maintains a working knowledge of threat aircraft characteristics and capabilities.

(d) Accurately locates and reports firing positions using a map.

(e) Complies with established rules of engagement and firing doctrines.

(f) Evaluates target course, speed, range, and relative position.

(g) Utilizes established "safe corridors" and applicable fire control restraints in the operating area.

(h) Learns aircraft traffic patterns at each airfield near gunner positions firing.

(i) Responds to all defense warnings and conditions of readiness with appropriate actions regardless of restraints imposed by each weapon's control/condition.

(j) Conducts daily inspections of LAAD weapons and their components and ancillary equipment.

(k) Complies with safety precautions, especially concerning back blast zone and backstop considerations.

(l) Handles misfires, hang fires, and duds.

(m) Performs emergency destruction of LAAD weapons and ancillary equipment when necessary.

(n) Operates organizational communications equipment using proper radio/telephone procedures, and using alternate communication means when required.

(o) Reports unidentified aircraft to the air control system utilizing established procedures.

(p) Submits action reports.

(2) MGySgt to Cpl:

(a) Performs the duties of a LAAD section leader.

(b) Employs, operates, and maintains the Tactical Defense Alert Radar 9TDAR).

(c) Interfaces the TDAR with an automated Marine Air Command and Control system (MACCS).

(3) MGySgt to SSgt:

(a) Performs the duties of a LAAD platoon sergeant supervising the emplacement and employment of LAAD sections.

(b) Prepares map overlays and plotting boards depicting the disposition and status of LAAD sections and teams.

(c) Supervises unit and individual training and maintains training records.

(4) MGySgt to GySgt. Performs duties as operations chief of a LAAD battery.

(5) MGySgt. Performs duties as operations chief of a LAAD battalion.

d. Related DOT Classification/DOT Code. No civilian equivalent.

3. MOS 7234, Air Control Electronics Operator (Sgt to Pvt) PMOS

a. Summary. Air command and control electronics operators perform duties incident to the operation of tactical air command and control systems and supervise and participate in the movement, emplacement, cabling, orientation, and operation of tactical air command and control systems. Operators are capable of filling any operational billet appropriate to grade in MACS, TACC, or MACG headquarters.

b. Requirements/Prerequisites

(1) Must possess a GT score of 105 or higher.

(2) Complete the Air Control Electronics Operator Course.

(3) Must have secret security clearance.

(4) Must have normal color vision.

(5) Must be a U.S. citizen.

c. Duties

(1) Emplaces, adjusts, operates, and performs first echelon maintenance on air command and control electronic equipment, shelters, status boards, plotting boards, and other associated equipment.

(2) Plots position, course, bearing, and speed of aircraft from a plan position indicator.

(3) Plots and converts polar and XY coordinates and the various grid systems.

(4) Records data on required status and plotting boards.

(5) Maintains operations logs.

- (6) Acquires and identifies aircraft returns from radar reports.
- (7) Assists in tracking aircraft.
- (8) Assists GCI controllers in performing air intercepts.
- (9) Conducts flight following of aircraft.
- (10) Provides navigational assistance.
- (11) Operates, observes, and reports the readings of various electronics equipment in a clear and an electronic countermeasures environment.
- (12) Sends, receives, and relays information, requests, and instructions over communications nets.
- (13) Performs liaison necessary to ensure effective air support, command, and control operations.
- (14) Operates AC/AAW systems which include the independent or coordinated operation and use of missile control, aircraft control, radar, and communications systems.
- (15) Supervises and participates in preparation of system equipment for movement and combat.
- (16) Supervises construction and camouflage of protected positions.
- (17) Directs and supervises the training of air control personnel attached to the unit to which assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. Air Support Operations Operator, 7242.

4. MOS 7236, Tactical Air Defense Controller (MGySgt to Sgt) PMOS

a. Summary. Tactical air defense controllers direct aircraft in the interception of hostile aircraft, provide positive control of friendly aircraft, and participate in the coordination of surface-to-air weapons and interceptors in an anti-air warfare environment.

b. Requirements/Prerequisites

- (1) MOS 7234 SO and TATC T&R events must be completed.
- (2) Must complete the Tactical Air Defense Controller Course.
- (3) Must complete the AWC academic packages.
- (4) Must have a secret security clearance.
- (5) Must have normal color vision.

c. Duties

- (1) MGySgt to Sgt:

- (a) Maintains operations logs and prepares operations maps and overlays.
- (b) Conducts ground controlled intercepts.
- (c) Provides flight following and navigational assistance.
- (d) Provides positive control of friendly aircraft.

(e) Receives and evaluates data from electronics equipment in a clear and electronics countermeasures environment.

(2) MGySgt to SSgt:

(a) Recognizes various types of interference encountered on electronic equipment and recommends corrective action.

(b) Selects positions for and supervises the emplacement of the operations section of the air control unit to which attached.

(c) Supervises the conduct of operations of the air control unit to which attached.

(d) Coordinates the operations of the air control unit to which attached with adjacent air control units.

(e) Operates, observes, and reports the readings of various electronics equipment in a clear and an electronic countermeasures environment.

(f) Operates AC/AAW systems which include the independent or coordinated operation and use of missile control, aircraft control, radar, and communications systems.

(g) Supervises and participates in preparation of system equipment for movement and combat.

(h) Supervises construction and camouflage of protected positions.

(i) Directs and supervises the training of air control personnel attached to the unit to which assigned.

(3) MGySgt to GySgt:

(a) Supervises the surveillance section of the TAOC.

(b) Assists in the direction and coordination of electronics countermeasures and electronics counter countermeasures operations.

(c) Supervises en route air traffic controllers.

(d) Directs aircraft in the interception of hostile aircraft.

(4) MGySgt and MSgt:

(a) Participates in the coordination of surface-to-air weapons and interceptors in an antiair warfare environment.

(b) Evaluates relative strength of enemy attack.

(c) Supervises the conduct of operations of the air control unit to which assigned.

(d) Complies with the procedures for the tactical employment of the TAOC.

(5) MGySgt:

(a) Coordinates the operations of the TAOC with adjacent air control units.

(b) Directs and supervises the training of air control personnel attached to the unit to which assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

5. MOS 7242, Air Support Operations Operator (MGySgt to Pvt) PMOS

a. Summary. Air support operations operators perform duties incidental to the operation of tactical air support systems, operating various electronics equipment in a clear and electronics countermeasures environment, performing liaison necessary to ensure effective air support operations, and supervising and participating in preparation, movement, and emplacement of air support equipment.

b. Requirements/Prerequisites

(1) Must possess a GT score of 100 or higher.

(2) Complete the Air Support Operations Operator Course.

(3) Must have a secret security clearance.

(4) Must have normal color vision.

(5) Must be a U.S. citizen.

c. Duties

(1) MGySgt to Pvt:

(a) Sends, receives, and relays information, requests, and instructions over communication nets.

(b) Implements the principles for operation of air support systems to include the coordination required between air support and other command and control units.

(c) Emplaces, adjusts, operates, and performs first echelon maintenance on air support electronic equipment, shelters, status boards, plotting boards, and associated equipment.

(d) Plots and converts polar and XY coordinates and the various grid systems.

(e) Records data on required status and plotting boards.

(f) Utilizes correct plotting symbols, radio and telephone procedures, and air command and control terminology.

(g) Maintains operations logs.

(2) MGySgt to Cpl:

(a) Utilizes standard emergency procedures when required.

(b) Utilizes performance characteristics of military aircraft as required.

(3) MGySgt to Sgt:

(a) Recognizes various types of interference encountered on electronic equipment and recommends corrective action.

(b) Prepares operations maps and overlays.

(4) MGySgt to SSgt:

(a) Implements procedures for calibration, orientation, and synchronization of air support electronics equipment.

(b) Implements the principles of the tactical employment of air support units.

(5) MGySgt and MSgt:

(a) Supervises the conduct of operations of the Direct Air Support Center.

(b) Supervises first echelon maintenance of the equipment assigned to the Direct Air Support Center.

(c) Supervises and participates in the preparation for movement and combat of equipment assigned to the Direct Air Support Center.

(d) Selects positions for and supervises the emplacement of the Direct Air Support Center.

(e) Directs and supervises the training of air support personnel.

(6) MGySgt:

(a) Supervises the conduct of operations of the air support unit.

(b) Coordinates the operations of the air support unit with adjacent air control/antiair warfare units.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. Tactical Air Defense Controller, 7236.

6. MOS 7251, Air Traffic Controller-Trainee (Sgt to Pvt) PMOS

a. Summary. While undergoing instruction under general supervision, trainees pursue qualifications in air traffic control, MOS 7257.

b. Requirements/Prerequisites

- (1) Must possess a GT score of 110 or higher.
- (2) Must meet the physical requirements of and pass a medical examination per NAVMED P-117, chapter 15, article 65, Para 7(W) before beginning Air Traffic Control Basic Course (ACA1).
- (3) Must possess normal color vision.
- (4) Must possess a secret security clearance.
- (5) Complete the Airman Written Test (AWT), Air Traffic Control Basic Course (ACA1), NATTC, NAS Pensacola, FL, and receive an Air Traffic Control specialist (ATCS) certificate.

c. Duties. Perform as an air traffic controller-trainee under general supervision for MOS 7257, air traffic controller.

d. Related DOT Classification. No civilian equivalent.

7. MOS 7252, Air Traffic Controller-Tower (GySgt to Pvt) NMOS (7257)

a. Summary. Air traffic controller-tower perform various duties within a control tower at an established air traffic control facility, expeditionary airfield, or remote landing area incident to the control of friendly aircraft operating within assigned airspace, maintaining visual surveillance of the terminal control area and other movement areas, formulating and issuing clearances and instructions to aircraft and vehicular traffic operating on runways, landing areas, and taxiways.

b. Requirements/Prerequisites

- (1) Must meet the requirement/prerequisites of MOS 7257.
- (2) Must possess a secret security clearance.
- (3) Qualify as a local controller and be issued a Federal Aviation Administration (FAA) Control Tower Operator (CTO) license, or the Commanding Officer of a squadron level unit or higher under which Marine Air Traffic Controllers are assigned and where air traffic control services are being performed in an expeditionary/tactical field environment of at least four consecutive months, may certify a Marine as a local controller.

c. Duties

(1) GySgt to Pvt: Performs duties on all operational positions in a control tower.

(2) GySgt to LCpl: Supervise and instruct trainees on all operational positions in a control tower.

(3) GySgt to Cpl: Performs duties as a tower supervisor in accordance with the current edition of the Air Traffic Control NATOPS Manual (NAVAIR 00-80T-114).

(4) GySgt and SSgt:

(a) May act as a crew chief.

(b) Organizes and administers a control tower.

(4) GySgt: May act as an MCAS ATC Facility NCOIC, control tower chief, ATC training chief, Control Tower Operator (CTO) examiner, or as a detachment NCOIC within a Marine Air Control Squadron (MACS).

(a) May act as a control tower chief or training standardization supervisor.

(b) Organizes and administers a control tower.

(c) May perform as a detachment NCOIC within a Marine Air Control Squadron (MACS).

(d) May perform as the control tower operator examiner.

d. Related DOT Classification/DOT Code

(1) Air Traffic Control Specialist, Tower 193.162-018.

(2) Chief Controller 193.167-010.

e. Related Military Skill

(1) Air Traffic Controller, 7257.

(2) Senior Air Traffic Controller, 7291.

8. MOS 7253, Air Traffic Controller-Radar Arrival/Departure Controller (GySgt to Pvt) NMOS (7257)

a. Summary. Air traffic controllers-radar arrival/departure controllers perform various duties within a radar facility incident to the control of air traffic at an established air traffic control facility, expeditionary airfield, or remote landing areas. They coordinate aircraft movement information with associated facilities or agencies, coordinate current weather and airfield conditions as required, and perform air traffic control duties in both tactical and nontactical air traffic control organizations. This MOS may be assigned as a NMOS only.

b. Requirements/Prerequisites

(1) Must meet the requirements/prerequisites of MOS 7257.

(2) Must have a secret security clearance.

(3) Qualify as a radar arrival/departure controller, or the Commanding Officer of a squadron level unit or higher under which Marine Air Traffic Controllers are assigned and where air traffic control services are being performed in an expeditionary/tactical field environment of at least four consecutive months, may certify a Marine as a radar arrival/departure controller.

c. Duties

(1) GySgt to Pvt:

(a) Performs duties on all operational positions in a radar air traffic control facility less radar approach control.

(b) Performs duties as a radar arrival/departure controller.

(2) GySgt to LCpl: Supervise and instruct trainees on all operational positions in a radar air traffic control facility less radar approach control.

(3) GySgt to Cpl: Perform duties as a radar supervisor in accordance with the current edition of the Air Traffic Control NATOPS manual (NAVAIR 00-80T-114).

(4) GySgt and SSgt:

(a) May act as a crew chief.

(b) Organizes and administers a radar air traffic control facility.

(6) GySgt: May act as an MCAS ATC Facility NCOIC, radar chief, ATC training chief, Air Traffic Control Specialist (ATCS) examiner, or as a detachment NCOIC within a Marine Air Control Squadron (MACS).

d. Related DOT Classification/DOT Code

(1) Air-Traffic-Control Specialist, Tower 193.162-018.

(2) Chief Controller 193.167-010.

e. Related Military Skill

(1) Air Traffic Controller, 7257.

(2) Senior Air Traffic Controller, 7291.

9. MOS 7254, Air Traffic Controller-Radar Approach Controller (GySgt to Pvt) NMOS (7257)

a. Summary. Radar approach controllers perform duties within a radar facility incident to the control of aircraft at an established air traffic control or expeditionary airfield, maintaining radar surveillance of approach control airspace, processing and coordinating aircraft passing through the terminal control area entering arrival/departure control airspace. This MOS may be assigned as a NMOS only.

b. Requirements/Prerequisites

(1) Must meet the requirements/prerequisites of MOS 7257.

(2) Must have a secret security clearance.

(3) Qualify as a radar approach controller or the commanding Officer of a squadron level unit or higher under which Marine Air Traffic Controllers are assigned and where air traffic control services are being provided in an expeditionary/tactical field environment of at least four consecutive months, may certify a Marine as a radar approach controller.

c. Duties

(1) GySgt to Pvt:

(a) Performs duties as a radar approach controller.

(b) Performs duties as a radar approach controller.

(2) GySgt to LCpl: Supervise and instruct trainees on all operational positions in a radar air traffic control facility.

(3) GySgt to Cpl: Performs duties as a radar supervisor in accordance with the current edition of the Air Traffic control NATOPS manual (NAVAIR 00-80T-114).

(4) GySgt to SSgt:

(a) May act as a crew chief.

(b) Organizes and administers a radar air traffic control facility.

(5) GySgt: May act as an MCAS ATC Facility NCOIC, radar chief, ATC training chief, Air Traffic Control specialist (ATCS) examiner, or a detachment NCOIC within a Marine Air Control Squadron (MACS).

d. Related DOT Classification/DOT Code. Chief Controller 193.167-010.e. Related Military Skill

(1) Air Traffic Controller, 7257.

(2) Senior Air Traffic Controller, 7291.

10. MOS 7257, Air Traffic Controller (GySgt to Pvt) PMOS

a. Summary. Air traffic controllers routinely perform various duties and tasks related to the control of air traffic and vehicles within the designated areas aboard an established airport control zone, expeditionary airfield, or remote area landing site. These duties are performed within control towers, radar facilities, and expeditionary air traffic control equipment.

b. Requirements/Prerequisites

(1) Must meet the requirements/prerequisites of MOS 7251.

(2) Must possess a secret security clearance or interim secret security clearance.

(3) At a MCAS or MCAF, must possess control tower position qualifications on ground control and tower flight data, or must possess radar position qualifications on radar final control and radar flight data/coordinator.

c. Duties

(1) Performs duties on operational positions in control towers and radar air traffic control facilities less local control, radar arrival/departure control and radar approach control.

(2) GySgt to LCpl: Supervises and instructs trainees on operational positions in control towers and radar air traffic control facilities less local control, arrival/departure control and radar approach control.

(3) GySgt to Cpl: Performs duties as a radar supervisor in accordance with the current edition of the Air Traffic Control NATOPS manual (NAVAIR 00-80T-114) at Class IIIA Air Traffic Control Facilities.

(4) GySgt to SSgt: May act as a crew chief.

(5) GySgt: May act as a radar chief or Air Traffic Control Specialist (ATCS) examiner at Class IIIA Air Traffic Control Facilities.

d. Related DOT Classification/DOT Code

(1) Air Traffic Control Specialist, Tower 193.162-018.

(2) Chief Controller 193.167-010.

e. Related Military Skill. Senior Air Traffic Controller, 7291.

11. MOS 7277, Weapons and Tactics Instructor-Air Control (MGySgt to SSgt) NMOS (7212, 7236, 7242, 7257, 7291)

a. Summary. Weapons and tactics instructor-air control officer and enlisted train aviation personnel on aviation ground equipment/weapons systems for operations in a total threat environment in coordination with ground and other aviation units. This MOS is assigned only to qualified air control/air support/antiair warfare personnel.

b. Requirement/Prerequisites. Complete the Marine Aviation Weapons and Tactics Squadron Weapons and Tactics Instructor Course at MCAS Yuma, AZ.

c. Duties

(1) Must hold MOS 7212, 7236, 7242, 7257, or 7291.

(2) Manages a unit's weapons and tactics training program.

(3) Performs classroom and operational instruction on various facets of the equipment/weapons systems.

(4) Analyses performance and provides corrective guidance.

(5) Instructs on current enemy capabilities and tactics to counter their threat.

d. Related DOT Classification /DOT Code. No civilian equivalent.

e. Related Military Skill. None.

12. MOS 7291, Senior Air Traffic Controller (MGySgt to MSgt) PMOS

a. Summary. The senior air traffic controller assists and advises the air traffic control detachment commander, Marine Air Control Squadron (MACS) operations officer, or the air station air traffic control facility officer. The senior air traffic controller supervises and instructs air traffic controllers, providing information concerning the safe, accurate, and efficient application of air traffic control procedures.

b. Requirements/Prerequisites

(1) Must possess PMOS 7257 and NMOS 7252, 7253, and 7254 or have been granted a waiver from obtaining all three NMOS' by HQMC/APC-5. Failure to meet one of these requirements makes a Marine ineligible for MOS 7291.

(2) Must possess a secret security clearance.

c. Duties

(1) Supervises Marines and/or civilian personnel assigned to an air traffic control facility, air traffic control detachment, or Marine Air Control Squadron (MACS) to include operations, training, readiness and evaluations.

(2) Provides assistance and makes recommendations to the air traffic control facility officer, air traffic control detachment command, or Marine Air Control Squadron (MACS) operations officer concerning the improvement of work spaces, procedures, working conditions, and the welfare and morale of enlisted personnel.

(3) Coordinates the assignment and supervision of enlisted air traffic controllers.

(4) Maintains the directives and technical publications libraries.

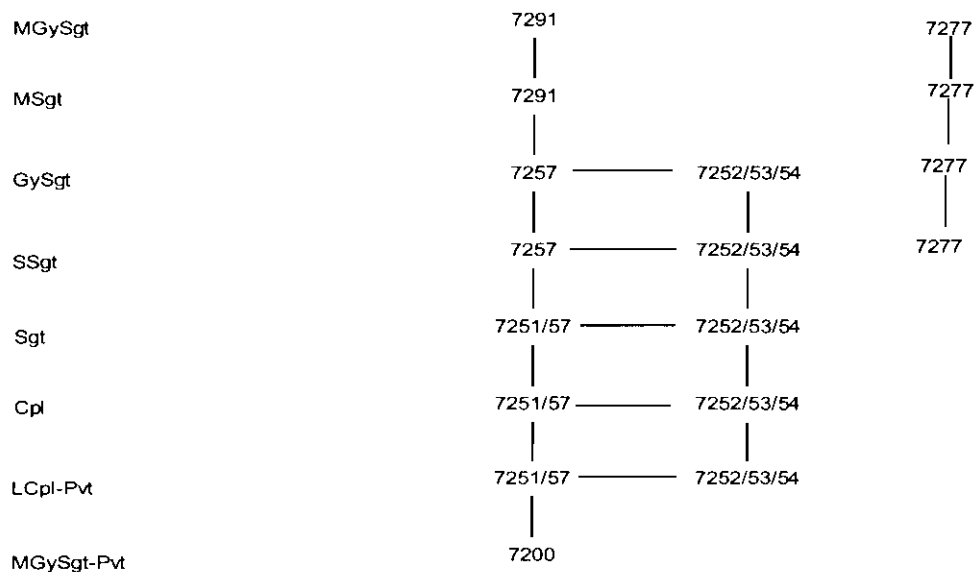
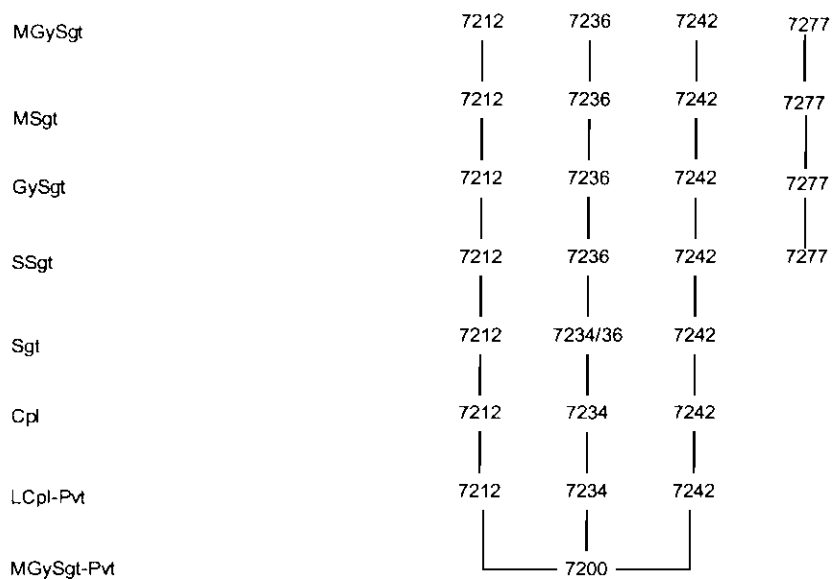
(5) Manages the Marine Forces Air Traffic Control Quality Assurance Management Program in conjunction with current rules, regulations, and the air traffic control NATOPS manual (NAVAIR 00-80T-114).

d. Related DOT Classification/DOT Code

(1) Air Traffic Control Specialist-Tower 193.162-018.

(2) Chief Controller 193.167-010.

e. Related Military Skill. Air Traffic Controller, 7257.



<u>MOS</u>	<u>TITLE</u>
------------	--------------

7200	Basic Air Control/Air Support/Anti-air Warfare/Air Traffic Control Marine (Basic MOS)
7212	Low Altitude Air Defense Gunner (PMOS)
7234	Air Control Electronics Operator (PMOS)
7236	Tactical Air Defense Controller (PMOS)
7242	Air Support Operations Operator (PMOS)
7251	Air Traffic Controller-Trainee (PMOS)
7252	Air Traffic Controller, Tower (NMOS)
7253	Air Traffic Controller, Radar (NMOS)

7254 Radar Approach Controller (NMOS)
7257 Air Traffic Controller (PMOS)
7277 Weapons and Tactics Instructor-Air Control (NMOS)
7291 Senior Air Traffic Controller (PMOS)

FIGURE 3-35.--Air Control/Air Support/Antiair Warfare/Air Traffic Control Structure Chart

MOS 7212, Low Altitude Air Defense (LAAD) Gunner PMOS

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 7212			FMF Duty: LAAD Bn Non-FMF Duty: LAAD Bn (R)
MSgt 7212			FMF Duty: LAAD Bn/Stinger Btry Non-FMF Duty: Instructor USAADASCH
GySgt 7212			FMF Duty: LAAD Bn/Stinger Btry Non-FMF Duty: LAAD Bn (R)/MAWTS-1/ Instructor USAADASCH/ LAV-AD
SSgt 7212			FMF Duty: LAAD Bn/Stinger Btry Non-FMF Duty: LAAD Bn (R)/LAV-AD
Sgt 7212		LAAD Section Leaders Course MACCS Enlisted Weapons Tactics Instructor Course (MAWTS-1)	FMF Duty: LAAD Bn/Stinger Btry Non-FMF Duty: LAAD Bn (R)/LAV-AD/ MAWTS-1/Instructor USAADASCH
Cpl 7212			FMF Duty: LAAD Bn/Stinger Btry Non-FMF Duty: LAV-AD
LCpl-Pvt 7212	LAAD Gunner Course		FMF Duty: LAAD Bn/Stinger Non-FMF Duty: None

FIGURE 3-35.--Air Control/Air Support/Antiair Warfare/Air Traffic Control Structure Chart

MOS 7234/7236, Air Control Electronics Operator/Tactical Air Defense Controller PMOS

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 7236			FMF Duty: MACS HQ Non-FMF Duty: HQMC
MSgt 7236		JAC2C	FMF Duty: MACG/MACS/MTACS Non-FMF Duty: MACG (R)/MCCES
GySgt 7236			FMF Duty: MTACS/MACS Non-FMF Duty: MACS (R)/MAWTS-1/ MCCES/MCTSSA FORSCOM/MCAGCC
SSgt 7236		Strike Fighters Tactics Course (Top Gun) MACCS Enlisted Weapons Tactics Instructor Course	FMF Duty: MACS/MTACS Non-FMF Duty: USACOM/MCCES/ MCAGCC ND&SM Course
Sgt 7234/36	Tactical Air Defense Controllers Course	Marine Division Tactics Course JTIDS Course	FMF Duty: MACS/MTACS Non-FMF Duty: MAC (R)/USACOM
Cpl 7234		Multi-TADIL Advanced Joint Interopera- bility Course JAC2C	FMF Duty: MACS/MTACS Non-FMF Duty: MACS (R)/MCAGCC/ MCTSSA/USACOM
LCpl-Pvt 7234	Air Control Electronics Operator Course		FMF Duty: MACS/MTACS Non-FMF Duty: None

FIGURE 3-35.--Air Control/Air Support/Antiair Warfare/Air Traffic Control Structure Chart

MOS 7242, Air Support Operations Operator PMOS

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt			FMF Duty: None Non-FMF Duty: MAWTS-1
MSgt		JAC2C Course	FMF Duty: MASS Non-FMF Duty: MCCES
GySgt			FMF Duty: MTACS/MASS/MACG Non-FMF Duty: MASS (R)/ACSEIT/MCCES
SSgt			FMF Duty: MTACS/MASS Non-FMF Duty: MTACS (R)/MASS (R)/ MCCES
Sgt		MACCS Enlisted Weapons Tactics Instructor Course	FMF Duty: MTACS/MASS Non-FMF Duty: MTACS (R)/MASS (R)/ MCCES
Cpl			FMF Duty: MTACS/MASS Non-FMF Duty: MASS (R)
LCpl-Pvt	Air Support Operations Operator Course		FMF Duty: MTACS/MASS Non-FMF Duty: MASS (R)/MCTSSA

FIGURE 3-35.--Air Control/Air Support/Antiair Warfare/Air Traffic Control Structure Chart

MOS 7252/7253/7254/7257/7291, Air Traffic Controller PMOS

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 7291			FMF Duty: MACS HQ Non-FMF Duty: HQMC MMEA/COMCAB
MSgt 7291		JAC2C Course	FMF Duty: MACS HQ Non-FMF Duty: MCAS/MATSG/MAWTS-1
GySgt 7257		WTI MMT Leaders Course	FMF Duty: MACG/MACS HQ/ Non-FMF Duty: MCAS/MACS (R)
SSgt 7257		Advanced Radar Air Traffic Control Course USAF TERPS Course Airspace Management Course	FMF Duty: MACS ATC Det Non-FMF Duty: MCAS/NAS Pensacola MACS (R)
Sgt 7257		Sergeants Course MAJIC Course Advanced Marine Air Traffic Control and Landing System Operator Course	FMF Duty: MACS HQ/MACS ATC Det Non-FMF Duty: MCAS
Cpl			FMF Duty: MAC HQ/MAC ATC Det Non-FMF Duty: MCAS
LCpl-Pvt 7257	Air Traffic Control Basic Course		FMF Duty: MACS ATC Det Non-FMF Duty: MMCAS

FIGURE 3-35.--Air Control/Air Support/Antiair Warfare/Air Traffic Control Structure Chart

3142. OCCUPATIONAL FIELD 73, NAVIGATION OFFICER/ENLISTED FLIGHT CREWS

1. Introduction. The enlisted flight crews in this OccFld assist in the planning and execution of tactical in-flight refueling and assault support missions, perform navigational duties, and operate and maintain the various communications and loading equipment in transport aircraft.

2. MOS 7312, Fixed-Wing Transport Aircraft Specialist, KC-130J (MGySgt to Pvt) NMOS (6216, 6232, 6242, 6256, 6286, 6316, 6336, 7372, 7382)

a. Summary. This is a temporary necessary MOS used to identify the enlisted ground maintenance technician and aircrew member training during the introduction of the KC-130J. Specific enlisted primary MOSs will be designated after sufficient aircraft fielding increases.

b. Requirements/Prerequisites

(1) Must be qualified maintenance technicians or enlisted aircrew holding MOS 6216, 6232, 6242, 6256, 6286, 6316, 6336, 7372, or 7382.

(2) Complete the appropriate formal school at VMGRT-253 FREST, MCAS Cherry Point, NC or complete an equivalent OMA Contractors Maintenance Course for the appropriate MOS.

(3) Complete the Maintenance Training Management and Evaluation Programs (MATMEP) level II asterisk items for the appropriate MOS. The level II asterisk items are the mandatory "Training Tasks" contained in the formal school training tracks.

(4) Enlisted aircrew must complete all requirements contained in the appropriate NATOPS Manual or syllabi peculiar to the KC-130J aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P4790.12B, Maintenance Training Management and Evaluation Programs (MATMEP) for the appropriate MOS.

d. Related Military Skill. See primary KC-130 MOS.

2. MOS 7313, Helicopter Specialist, AH-1Z/UH-1Y (MGySgt to Pvt) NMOS (6048, 6114, 6124, 6154, 6174, 6324, 6531, 7563, 7565)

a. Summary. Ground maintenance technicians and aircrew are responsible for performing duties incident to the maintenance and operation of Marine AH-1Z and UH-1Y aircraft. This MOS will be assigned only to qualified AH-1W and UH-1N Maintenance Technicians and Aircrew holding 6048, 6114, 6124, 6154, 6174, 6324, 6531, 7563, and 7565 MOSs.

b. Requirements/Prerequisites

(1) Meet all requirements/prerequisites for the primary H-1 MOS.

(2) Complete the appropriate formal school at NAMTRAGRUMARDET, MCAS Camp Pendleton, CA or complete an equivalent OMA Contractor Maintenance/Aircrew Course for the appropriate MOS.

(3) Complete the Maintenance Training Management and Evaluation Programs (MATMEP) level II asterisk items for the appropriate MOS. The level II asterisk

items are the mandatory "Training Task" contained in the formal school training tracks.

(4) Aircrew must complete all requirements contained in the appropriate NATOPS Manual or syllabi peculiar to the AZ-1Z and UH-1Y aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.16, Aviation Training and Readiness (T&R) Manual, and MCO P4790, 12B, Maintenance Training Management and Evaluation Programs (MATMEP) for the appropriate MOS.

d. Related Military Skills. See primary H-1 MCS.

3. MOS 7314, Unmanned Aerial Vehicle (UAV) Air Vehicle Operator (MGySgt to Pvt) PMOS

a. Summary. The air vehicle operator executes the proper techniques and procedures to maintain the planned flight profile of the UAV. They communicate through various networks with the payload operator, mission commander, and others as appropriate. They are responsible for execution of the payload mission(s) during UAV flights. Reports imagery viewed and when appropriate, performs standard call for fire procedures to direct weapon towards designated targets. Make effective use of the UAV payload through proper planning techniques, and crew coordination. Additionally, they set up and execute Remote Receiving Station operations to support designated units in receiving UAV imagery.

b. Requirements/Prerequisites

(1) Must possess a GT score of 105 or higher.

(2) Must meet the physical requirements per NAVMED P-117 (Manual of the Naval Medical Department), section IV, article 15-65, paragraph 1.15.

(3) Must have normal color vision.

(4) Completion of formal training NAMTRA GRU DET, Milton, FL.

(5) Familiarity with intelligence and call for fire report formats.

(6) Knowledge of airspace command and control agencies and procedures.

(7) Knowledge of supporting arms command and control agencies and procedures.

(8) Basic preventative maintenance skills.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.82A, Individual Training Standards.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

4. MOS 7316, External Unmanned Aerial Vehicle (UAV) Operator (MGySgt to Sgt) NMOS (7314)

a. Summary. External UAV operators execute the initial takeoff and final landing phases of UAV operations. They are also an integral part of all mission

planning, takeoff and landing sequences, and crew coordination aspects of UAV flight.

b. Requirements/Prerequisites

(1) This MOS is to be assigned to qualified Air Vehicle Operators (MOS 7314) who have successfully completed formal training at Ft. Huachuca, AZ in external UAV operations.

(2) Superior adaptability to three-dimensional spatial relationships.

(3) Must meet all the physical requirements per NAVMED P-117 (Manual of the Naval Medical Department), section IV, article 15-65, paragraph 1.15, as MOS 7314, with the following addition: Depth Perception-AFVT A-D.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.82A, Individual Training Standards.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

5. MOS 7372, Tactical Systems Operator/Mission Specialist (MGySgt to LCpl) PMOS

a. Summary. Tactical systems operators/mission specialist perform advanced tactical navigation, threat assessment, and global mission planning tasks and procedures required to conduct in-flight operations in a tactical environment, to include: tactical pilotage, aerial refueling, aerial delivery, low-level flight, night vision systems, battlefield illumination and defensive systems.

b. Requirements/Prerequisites

(1) Must be qualified in MOS 7371.

(2) Complete Survival Evasion Resistance and Escape (SERE) School.

(3) Complete the appropriate formal "C" school at the Marine Aerial Navigator Flight Training School at VMGRT-253, MCAS Cherry Point, NC.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.15, Aviation Training and Readiness (T&R) Manual for MOS 7372.

d. Related DOT Classification/DOT Code. No civilian equivalent.

e. Related Military Skill. None.

6. MOS 7374, Vertical Takeoff Unmanned Aerial Vehicle Specialist (MGySgt to Pvt) NMOS (6214, 6314, 7314, 7315, 7316)

a. Summary. Ground maintenance technicians and air vehicle operators are responsible for performing duties incident to the maintenance and operation of Marine VTUAV aircraft. This MOS will be assigned only to qualified UAV Maintenance Technicians and Air Vehicle Operators holding the 6214, 6314, 7314, 7315, and 7316 MOSs.

b. Requirements/Prerequisites

(1) Meet the requirements/prerequisites for the primary UAV MOS.

(2) Complete the appropriate formal school at NAMTRAGRUDET Whiting Field, Milton, FL, or complete an equivalent OMA Contractors Maintenance/Air Vehicle Operators Course for the appropriate MOS.

(3) Complete the Maintenance Training Management and Evaluation Programs (MATMEP) level II asterisk items for the appropriate MOS. The level II asterisk items are the mandatory "Training Tasks" contained in the formal school training tracks.

(4) Air vehicle operators must complete all requirements contained in the appropriate NATOPS Manual or syllabi peculiar to the VTUAV aircraft.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.16, Aviation Training and Readiness (T&R) Manual, and MCO P4790.12B, Maintenance Training Management and Evaluation Programs (MATMEP) for the appropriate MOS.

d. Related Military Skill. See primary UAV MOS.

7. MOS 7382, Airborne Radio Operator/In-flight Refueling Observer/Loadmaster (MGySgt to LCpl) PMOS

a. Summary. Airborne radio operator/in-flight refueling observer/loadmaster perform duties as required in a variety of missions, to include: operation of high frequency radio equipment, diagnose and correct minor equipment malfunctions and perform minor in-flight troubleshooting and repair, safety observer for aerial refueling evolutions, staging/loading of cargo and passengers aboard tactical transport aircraft, computing of weight and balance, determining cargo restraint criteria, applying cargo restraints, transporting of hazardous material aboard military aircraft, conducting the aerial delivery of passengers and cargo, and conducting rapid ground refueling.

b. Requirements/Prerequisites

(1) Must be qualified in MOS 7381.

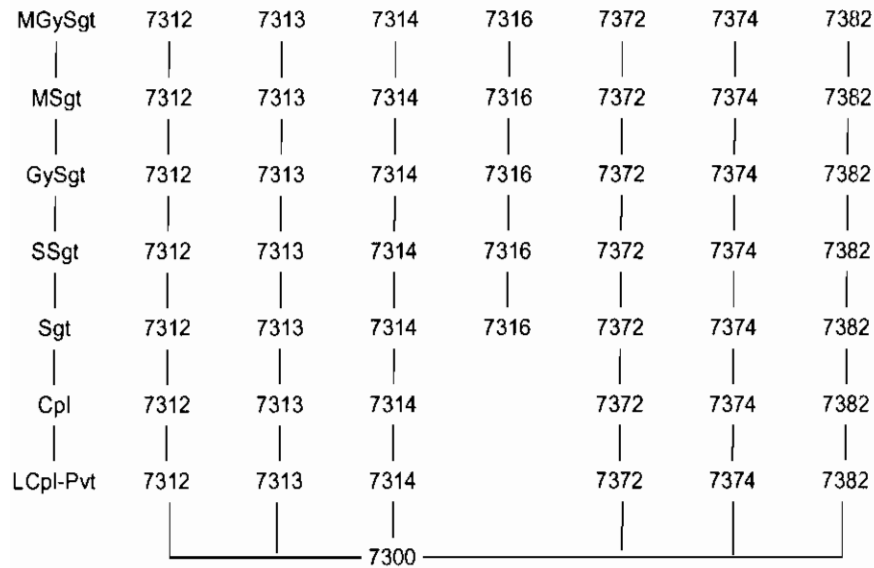
(2) Complete the appropriate formal "C" school, Airborne Radio Operator/In-flight Refueling Observer/Loadmaster Course, at VMGRT-253, MCAS Cherry Point, NC.

(3) Must have 36 months of obligated service upon completion of formal "C" school.

c. Duties. For a complete listing of duties and tasks, refer to MCO P3500.14 and MCO P3500.15, Aviation Training and Readiness (T&R) Manual for MOS 7382.

d. Related DOT Classification/DOT Code. Cargo Dispatcher 248.367-018.

e. Related Military Skill. None.



MOS TITLE

7300 Basic Enlisted Flight Crew Marine (Basic MOS)
 7312 Fixed-Wing Transport Aircraft Specialist, KC-130J (NMOS)
 7313 Helicopter Specialist, AH-1Z/UH-1Y (NMOS)
 7314 Unmanned Aerial Vehicle (UAV) Air Vehicle Operator (PMOS)
 7316 External Unmanned Aerial Vehicle (UAV) Operator (NMOS)
 7372 Tactical Systems Operator/Mission Specialist (PMOS)
 7374 Vertical Takeoff Unmanned Aerial Vehicle Specialist (NMOS)
 7382 Airborne Radio Operator/In-flight Refueling Observer/Loadmaster (PMOS)

FIGURE 3-36.—Navigation Officer/Enlisted Flight Crews Career Structure Chart

MOS 7372, Tactical Systems Operator/Mission Specialist (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 7372			FMF Duty: Sqdn Non-FMF Duty: MANS Instr
MSgt 7372			FMF Duty: Sqdn Non-FMF Duty: MANS Instr/ Instr
GySgt 7371/7372	Advanced SNCO	Combat Aircrew Training School	FMF Duty: Sqdn Non-FMF Duty: Navy Flt Demo Sqdn/MANS Instr/ FRS Instr
SSgt 7371/7372	SNCO Academy	Central Altitude Reservation Function Course	FMF Duty: Sqdn Non-FMF Duty: MANS Instr/ FRS Instr
Sgt 7371/7372	NCO School	Weapon & Tactics Air Crew Instructor	FMF Duty: Sqdn Non-FMF Duty: MANS Instr/ FRS Instr
Cpl 7371/7372	NCO School	Advance Airlift Tactics Training Course	FMF Duty: Sqdn Non-FMF Duty: None
LCpl-Pvt 7371/7372	Marine Aerial Navigation/School Fleet Replacement Squadron Course		FMF Duty: Sqdn Non-FMF Duty: None
	SERE		
	Naval Aircrew Candidate School		

FIGURE 3-36.—Navigation Officer/Enlisted Flight Crews Career Structure Chart
3-488

MOS 7382, Airborne Radio Operator/In-Flight Fueling Observer/Loadmaster (PMOS)

<u>Rank</u>	<u>Required Training</u>	<u>Skill Enhancement</u>	<u>MOS Assignment</u>
MGySgt 7382			FMF Duty: Sqdn Non-FMF Duty: Dir FRS ARO/LM
MSgt 7382			FMF Duty: Sqdn Non-FMF Duty: FRS Instr
GySgt 7382	Advanced SNCO Training School		FMF Duty: Sqdn Non-FMF Duty: Navy Flt Demo Sqdn/FRS Instr/SOES
SSgt 7382	SNCO Academy		FMF Duty: Sqdn Non-FMF Duty: FRS Instr/SOES
Sgt 7382	NCO School	Weapons & Tactics Air Crew Instructor Air Transport of Hazardous Cargo Record of Weight and Balance	FMF Duty: Sqdn Non-FMF Duty: FRS Instr/ SOES
Cpl 7382	NCO School	Advance Airlift Tactics Training Course Dual Rail Maintenance Course	FMF Duty: Sqdn Non-FMF Duty: FRS Instr/SOES
LCpl-Pvt 7382	Airborne Radio Operator/ Loadmaster Flt Trng Loadmaster Mission Qualification Course Loadmaster Initial Qualification Course Basic Loadmaster SERE Naval Aircrew Candidate School		FMF Duty: None Non-FMF Duty: None

FIGURE 3-36.—Navigation Officer/Enlisted Flight Crews Career Structure Chart

3143. OCCUPATIONAL FIELD 80 MISCELLANEOUS REQUIREMENT MOS'S**1. MOS 8000 General Service Marine (MGySgt to Pvt) Basic MOS**

a. Summary. This MOS describes the duties of every enlisted Marine, regardless of assigned MOS. Duties are those general military and battle skills required of all Marines, commensurate with their grade. It also designates those Marines whose military qualifications and experience are not yet developed to be sufficient or adequate for qualification in other MOSs.

b. Requirements/Prerequisites. This MOS will be assigned to personnel undergoing recruit training who have not enlisted by a special enlistment program, or to those whose cases have been referred to the CMC (MM).

c. Duties. As assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

2. MOS 8002, Joint Terminal Attack Controller (MGySgt to SSgt) FMOS #

a. Summary. This MOS requires formal Joint Terminal Attack Controller (JTAC) training and certification. It forms the foundation skill set for assignment to appropriate JTAC billet in the Operating Forces. A JTAC is a qualified (certified) service member, who from a forward position directs the action of combat aircraft engaged in close air support (CAS), and other offensive air operations. A qualified and current JTAC will be recognized across DoD as capable and authorized to perform terminal attack control. Mission essential task/skill training for a JTAC is established in the T&R and includes graduation from the Special Operations Spotter Course (SOSC), and the Tactical Air Control Party (TACP) Course at EWTG. Upon successful completion of the TACP Course, the JTAC will be designated combat capable, receive MOS 8002 JTAC, and will return to his unit for completion of the T&R requirements. Only T&R qualified and current JTACs may conduct Close Air Support (CAS) training operations without specified instructor supervision. Training currency must be documented and certified in the JTAC training record.

b. Requirements/Prerequisites

(1) Must have a GT score of 110 or higher.

(2) JTAC must be a staff noncommissioned officer.

(3) Must have a secret security clearance based on ENTNAC or NAC.

(4) Must have normal color vision/correctable to 20/20.

(5) Must be a U.S. citizen.

(6) Must have at least two years of obligated time in service remaining upon completion of TACP course.

c. Duties. For a complete listing of duties and tasks, refer to the JTAC portions of the T&R Manual.

d. Related DOT Classification/DOT Code. No civilian equivalent.

- e. Related Military Skill. Ground Combat Arms Staff Sergeant.

Assigned to officer and enlisted Marines.

3. MOS 8011, Basic Marine with Enlistment Guarantee (MGySgt to Pvt) Basic MOS

a. Summary. A Marine whose military qualifications and experience are not developed to be sufficient or adequate for qualification in other MOSs.

b. Requirements/Prerequisites. This MOS will be assigned to personnel enlisting under an enlistment options program or an enlistment incentive program (MCO 1130.53, MCO 1130.54, MCO 1130.55, and MCO 1130.57 apply as appropriate).

c. Duties. As assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

4. MOS 8012, Ground Safety Specialist (GySgt to Pvt) FMOS #

a. Summary. A trained Marine able to manage or assist in the operation of the Marine Corps Ground Safety Program in compliance with the Code of Federal Regulations.

b. Requirements/Prerequisites. Complete HQMC (SD) approved ground safety course or school.

c. Duties

(1) GySgt to Pvt:

(a) Assists in planning and directing the Accident Prevention Program of the command.

(b) Maintains safety directives and accident reports.

(c) Investigates accidents and conducts periodic safety inspections.

(d) Provides safety indoctrination and education for the command and obtains and maintains safety equipment and material.

(e) Advises and assists in the organization and implementation of a complete vehicle safety program for both Government and private motor vehicle operation.

(f) Monitors compliance with the Occupational Safety and Health Administration (OSHA) requirements.

(g) Conducts Operational Risk Management (ORM) assessments.

(h) Applies hazard control fundamentals and techniques.

(i) Facilitates the Industrial Hygiene Program.

(j) Supervises the Hazardous Materials, Waste, and Pollution Prevention Programs.

d. Related DOT Classification/DOT Code.

(1) Safety Manager 012.167-058

(2) Safety Inspector 168.264-014

Assigned to officer and enlisted Marines.

5. MOS 8013, Special Assignment - Enlisted (MGySgt to Pvt) FMOS

a. Summary. Regularly performs duties of a highly specialized nature that are not covered by other MOSs.

b. Requirements/Prerequisites

(1) Requests to assign this MOS to a billet or an individual will be submitted to the CMC (MM) and will contain a detailed description of the duties of the billet, and the special skills and knowledge required to perform such duties.

(2) Assignment to an individual will be only for the period the special duties are actually performed.

c. Duties. As assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

6. MOS 8014, Billet Designator - Enlisted (MGySgt to Pvt) FMOS*

a. Summary. This MOS will be used in T/O's to designate a billet to which any enlisted Marine may be assigned but will not be assigned to an individual.

b. Requirements/Prerequisites. None.

c. Duties. As assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

7. MOS 8015, College Degree-Enlisted (MGySgt to Pvt) EMOS (5522)

a. Summary. Performs duties of the assigned college degree-enlisted billet. Primary billets are as Academic Chiefs at Instructional Management Schools (IMS), SNCOA, or other large formal schools: Education Chief/Testing NCOIC at USMC bases/stations, Ground Safety Specialist/Inspector, Accounting Analyst, or NCOIC/Counselor at Family Service Center at USMC bases/stations. This MOS will be assigned as a skilled designator only by CMC (MM) to enlisted Marines who have completed the prescribed course of instruction under the provision for the SNCO Degree Completion Program (SNCODCP).

b. Requirements/Prerequisites. Upon request and approval, this MOS may also be assigned as a skill designator to enlisted Marines possessing a bachelor's degree acquired prior to entry into the service or through off-duty educational efforts.

c. Duties. Depending upon what college-degree enlisted billet the Marine is assigned, duties may include:

(1) Advise/Assist the Academic Officer and Director of Formal School in assigning and supervising formal school course teams, coordinate and conduct

formal/informal observations of instructors, and maintain instructor training records.

(2) Coordinate the conduct of Course Content Review Boards (CCRB) and coordinate revision of all courseware to include master lesson files, lesson plans, and instructional methodology/materials.

(3) Provide education counseling and administer test to military personnel.

(4) Track mishaps, conduct facilities inspections, and ensure Federal Workplace Regulations are in compliance with OSHA Standards.

(5) Provide instruction on safety and the Operational Risk Management (ORM) process.

(6) Perform audits of MCCS activities and new programs to ensure efficient and effective program performance.

(7) Provide military presence within the Community Support/Family Service Center.

(8) Provide counseling services to Marines and their families and serve as Emergency Operations Center SNCOIC.

d. Related DOT Classification/DOT Code. No civilian equivalent.

8. MOS 8016, Special Technical Operations (MGySgt to Pvt) FMOS #

a. Summary. The special technical operations Marine perform duties as necessary/directed.

b. Requirements/Prerequisites

(1) This MOS will identify Marines who have been designated as Special Technical Operators qualified by the Organization of the Joint Chiefs of Staff (OJCS).

(2) This MOS will be assigned only as an additional MOS.

c. Duties. The duties and tasks will be as prescribed and designated by the OJCS.

d. Related DOT Classification/DOT Code. No civilian equivalent.

Assigned to officer and enlisted Marines.

9. MOS 8023, Parachutist (SgtMaj/MGySgt to Pvt) FMOS #

a. Summary. A Marine who is trained to parachute from an aircraft.

b. Requirements/Prerequisites

(1) Complete Basic Airborne Course, U.S. Army Infantry School, Ft Benning, GA.

(2) Maintain physical fitness specified by COMNAVMEDCOM standards.

c. Duties. SgtMaj/MGySgt to Pvt: Utilizes the parachute as a means of entry into the objective area to accomplish missions appropriate to the billet assigned.

d. Related DOT Classification/DOT Code. No civilian equivalent.

Assigned to officer and enlisted Marines.

10. MOS 8024, Combatant Diver Marine (SgtMaj/MGySgt to Pvt) FMOS #

a. Summary. A Marine who is trained to use combatant diving equipment.

b. Requirements/Prerequisites

(1) Complete MCCDC approved Combatant Diver qualification course.

(2) Maintain physical fitness specified by COMNAVMEDCOM standards.

c. Duties. SgtMaj/MGySgt to Pvt: Employs combatant diving equipment to conduct underwater entry into the objective area to accomplish missions appropriate to billet assigned.

d. Related DOT Classification/DOT Code

(1) Combatant Diver 379.384-010.

(2) Diver 899.261-010.

Assigned to officer and enlisted Marines.

11. MOS 8026, Parachutist/Combatant Diver Marine (SgtMaj/MGySgt to Pvt) FMOS #

a. Summary. A Marine who has completed an MCCDC approved parachute and combatant diver qualification course.

b. Requirements/Prerequisites

(1) Complete a MCCDC approved parachute and combatant diver qualification course.

(2) Maintain physical fitness standards specified by COMNAVMEDCOM.

c. Duties

(1) Employs combatant diving equipment to conduct underwater entry/extract from an objective area.

(2) Employs the parachute as a means of entry into an objective area.

d. Related DOT Classification/DOT code

(1) Combatant Diver 379.384-010.

(2) Parachutist 159.347-018.

Assigned to officer and enlisted Marines.

12. MOS 8028, MECEP Participant (MGySgt to Pvt) (FMOS)

a. Summary. Marine enlisted commissioning education program participants are in an officer development program and are no longer performing duties in any specific enlisted MOSs. It will be assigned and voided only by the authority of HQMC.

b. Related DOT Classification/DOT Code. No civilian equivalent.

13. MOS 8056, Hazardous Material/Hazardous Waste (HM/HW) Staff Noncommissioned Officer/Noncommissioned Officer (MGySgt to LCpl) FMOS #

a. Summary. Hazardous material/hazardous waste (HM/HW) staff noncommissioned officers/noncommissioned officers manage numerous aspects of the unit HM/HW program. The primary areas of focus are: distinguishing HM from HW; implementing Hazard Communication Training Programs; monitoring HM inventory control procedures; maximizing source reduction; and monitoring HW streams, proper storage, and prescribed disposal practices. HM/HW staff noncommissioned officers/noncommissioned officers will also supervise unit operations to ensure compliance with environmental regulations, and maintain the unit's emergency response equipment and procedures. In some cases, the HM/HW staff noncommissioned officer/noncommissioned officer will serve as the command representative for environmental issues, and develop unit level operating budget inputs.

b. Requirements/Prerequisites

(1) Successful completion of an HQMC approved formal school(s) or HQMC approved base/installation course(s) of instruction that addresses the duties specified below and provides fundamental information on the safe and proper management of HM/HW and associated facilities in accordance with applicable federal, Department of Defense (DoD), Department of Navy (DON), and Marine Corps requirements. The MOS may be assigned only as an additional MOS by the CMC (MM) upon a request from the individual or MOS sponsor.

(2) MOS 8056 qualifying courses must appropriately address the following requirements to include, but not limited to:

(3) The Resource Conservation and Recovery Act regulations 40 CFR 122, 262, 264, 265, and 279.

(4) Hazardous Material Transportation Uniform Safety Act of 1990 regulations in 49 CFR 172.704(a)(1) and 172.704(a)(3).

(5) Occupational Health and Safety Administration's (OSHA) first responder operations level emergency response training as prescribed by 29 CFR 1910.120(q)(6)(ii).

(6) OSHA Hazardous Communication Standard as specified by 29 CFR 1910.1200.

(7) At least 18 months remaining on current EAS.

(8) Must possess normal color vision.

(9) Continued validity of MOS is contingent upon the Marine Corps maintaining full compliance with all federal, state, and local refresher training requirements.

c. Duties

(1) MGySgt to GySgt:

- (a) Distinguishes Hazardous Material (HM) from Hazardous Waste (HW).
- (b) Supervises operation of unit level HW site.
- (c) Develops/Ensures maintenance of desktop procedures and turnover folders.
- (d) Supervises and validates the maintenance of unit environmental training records.
- (e) Conducts and participates in applicable multimedia environmental inspections, audits, and evaluations.
- (f) Supervises and maintains unit level inspection records and required follow-on corrective actions.
- (g) Monitors maintenance of unit level environmental publications library.
- (h) Directs the unit level Hazardous Communication Program.
- (i) Develops and implements the unit level spill contingency plans(s).
- (j) Tracks and consolidates unit level HW disposal costs.
- (k) Identifies unit level environmental operations budget requirements.
- (l) Identifies environmental training needs and associated budget requirements.
- (m) Ensures HM/HW transportation requirements are in compliance with local directives.
- (n) Develops and sponsors environmental standard operating procedures, letters of instruction, and operations orders for field operations at the unit level for tactical and garrison operations.
- (o) Conducts unit level environmental briefings.
- (p) Serves as the unit point of contact for applicable environmental issues.
- (q) Promotes pollution prevention.

(2) SSgt to LCpl:

- (a) Distinguishes HM from HW.
- (b) Operates HW sites in accordance with applicable directives.
- (c) Maintains desktop procedures and turnover folders.
- (d) Maintains unit level environmental training records.

- (e) Maintains unit level environmental inspection records.
- (f) Maintains applicable environmental publications library.
- (g) Maintains unit level Hazardous Communication Standard to include Material Safety Data Sheets and Hazardous Material Information System.
- (h) Tracks unit HW disposal cost.
- (i) Executes unit level spill contingency plan(s).
- (j) Maintains unit level emergency response equipment.
- (k) Conducts applicable multimedia environmental inspections.
- (l) Maximizes unit source reduction.

Assigned to officer and enlisted Marines.

14. MOS 8060, Acquisition Specialist (MGySgt to SSgt) # FMOS

a. Summary. Acquisition specialists are members of the acquisition workforce. They assist in planning, directing, coordinating, and performing specific duties that pertain to the acquisition of equipment/weapons.

b. Requirements/Prerequisites

- (1) Must be a staff sergeant to master gunnery sergeant.
- (2) Must possess a secret security clearance.

(3) Must be certified to level 1 of their primary acquisition career field. Career field certification requirements are contained in the current edition of the Defense Acquisition University Catalog.

c. Duties. The acquisition specialist participates as an assistant to acquisition project officers, and in some situations as the actual project officer to provide expertise in higher technical functional areas that pertain to the acquisition of equipment and weapons systems. The responsibilities may range from providing assistance in the areas of project initiation, systems development, systems engineering, test and evaluation management, integrated logistics support management, systems manpower and training requirements, life-cycle systems support management.

d. Related DOT Classification Code. None.

e. Related Military Skill. None.

This MOS is also assigned to officers in Chapter 1.

15. MOS 8151, Guard (GySgt to Pvt) FMOS

a. Summary. Guards enforce, or supervise the enforcement of security measures and the protection of classified material and United States property and personnel.

b. Requirements/Prerequisites

- (1) Not to be assigned to personnel either as a primary or additional MOS.
- (2) To be used only as a billet designator in T/O's.

c. Duties

- (1) GySgt to Pvt:

- (a) Enforces military or Department of State regulations and orders.
- (b) Controls entrances and access to military installations, United States diplomatic missions, or other designated establishments.
- (c) Verifies authenticity of passes and identification cards of military personnel, civilian employees, and visitors afoot or in motor vehicles entering or leaving installations or diplomatic missions.
- (d) Prevents unauthorized removal and theft of United States Government property.
- (e) Makes periodic checks of standing lights and locked doors and designated secure areas.
- (f) Receives and verifies guard property.
- (g) Maintains guard property accounts and guard report logbooks.
- (h) Prepares offense, accident, unusual incident, injury reports and correspondence pertaining to activities of a guard unit.
- (i) Assures that scheduled bugle calls are sounded.
- (j) Conduct guard mount.
- (k) Inspect and instruct guards and sentinels while on post.
- (l) Supervises or assists in the supervising of the guard of the day during emergency situations.
- (m) Directs traffic, escorts visitors, or vehicles delivering supplies and equipment.

d. Related DOT Classification/DOT Code. No civilian equivalent.

16. MOS 8152, Marine Corps Security Force (MCSF) Guard (GySgt to Pvt) EMOS (0311, 0331, 0351, 0369, 5811)

a. Summary. The MCSF guard will be assigned to duty with MCSF units. He will be physically fit and mentally capable of enduring the rigors of combat. He will have the requisite knowledge to safely and properly employ the service rifle, pistol and shotgun. As a member of a reaction force, he will conduct offensive infantry tactics in confined spaces, ashore and afloat, to restore breached security and provide the final barrier/element of an integrated security plan for the asset being protected. He also must possess skills in land navigation and patrolling. In the grades of corporal through gunnery sergeant, as a security supervisor, the Marine

will plan, evaluate, and supervise the implementation of site-specific security plans to protect assets designated as vital to the national security.

b. Requirements/Prerequisites

(1) Must meet prerequisites prescribed in MCO 1300.20, 5510.7, MCO 5521.3, and MCO 6100.3.

(2) Complete the Marine Corps Security Force Guard Course.

(3) To be used only as a billet designator in Marine Corps Security Force T/O.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.59, Individual Training Standards.

d. Related DOT Classification/DOT Code. No civilian equivalent.

17. MOS 8154, Marine Corps Security Force (MCSF) Close Quarters Battle (CQB) Team Member (SSgt to LCpl) FMOS

a. Summary. The MCSF CQB team member will be assigned to duty with MCSF Fleet Antiterrorism Security Teams (FAST) Companies and/or Security Force Companies. As a part of a CQB team and utilizing CQB techniques, the team member will be required to restore security to prevent access, damage, or removal of vital naval assets. The CQB team member will be physically and mentally capable of enduring the rigors of combat, be knowledgeable in the safe and proper employment of CQB weapons, be skilled in land navigation and patrolling, be well versed in interior guard procedures, and be familiar with antiterrorist tactics and techniques. He also will be required to conduct offensive infantry tactics in confined spaces, ashore and afloat, to restore security when breached.

b. Requirements/Prerequisites

(1) Must meet the prerequisites prescribed in MCO 1300.20, 5510.7, MCO 5521.3, and MCO 6100.3.

(2) Complete the Marine Corps Security Force Guard Course.

(3) Complete the Marine Corps Security Force Battalion Close Quarters Battle Course.

(4) To be used as a billet designator in Marine Corps Security Force T/O's.

c. Duties. For a complete listing of duties and tasks, refer to MCO 1510.59, Individual Training Standards.

d. Related DOT Classification/DOT Code. No civilian equivalent.

18. MOS 8156, Marine Security Guard (MSG) (MGySgt to PFC) (FMOS)

a. Summary. The MSG will be assigned to duty to one of 140 plus MSG detachments around the world. The MSG will provide armed internal security to designated U.S. diplomatic and consular facilities to prevent the compromise of classified information and equipment vital to the national security of the United States. As part of the MSG detachment, the detachment member's secondary mission is to provide protection for U.S. citizens and U.S. government property located within

designated U.S. diplomatic and consular premises during exigent circumstances, which require immediate aid or action. The detachment member will be physically and mentally capable of enduring a direct counter-intelligence and combat environment, master interior guard procedures, be proficient with security, anti-terrorism, and counter espionage tactics. The MSG member must also be knowledgeable in law enforcement techniques, small arms handling and employment, emergency first aide, force continuum, less than lethal application, and entry and access control procedures.

b. Requirements/Prerequisites.

(1) Must meet the prerequisites prescribed in MCO 1326.2E and pass a pre-screening interview with a member of the MSG screening team.

(2) Complete the Marine Security Guard School.

c. Duties. A complete list of duties can be found in the Marine Security Guard Training and Readiness Manual, NAVMC 3500.90.

d. Related DOT Classification/DOT Code. No civilian equivalent.

19. MOS 8411, Recruiter (MGySgt to Cpl) EMOS (0193, 5524)

a. Summary. The recruiter must be thoroughly familiar with the enlistment process from applicant prospecting to preparation for recruit training. Recruiters work in an environment external to the normal Marine Corps post, station, and FMF environments. Typical functions of the recruiter include preliminary screening and administrative processing, scheduling physical examinations, completion of enlistment documents, and maintaining accurate records. Recruiters also provide the community with Marine Corps publicity material and assist in civic events. They are stationed at recruit depots, recruiting stations, Military Enlistment Processing Stations (MEPS), and recruiting substations throughout the United States and some overseas locations.

b. Requirements/Prerequisites

(1) Must meet the prerequisites prescribed in MCO 1326.6.

(2) At the staff sergeant to sergeant level, complete Recruiters' School.

(3) Once voided, this MOS may not be reassigned without prior approval from the CMC (MM).

c. Duties

(1) MGySgt to Cpl:

(a) Maintains reports required for systematic recruiting.

(b) Canvasses the population for prospective applicants.

(c) Establishes liaison with educational authorities and other civilian agencies.

(d) Explains the Marine Corps to prospective applicants to include opportunities, regulations, enlistment programs, and assignment locations.

(e) Screens each applicant to determine eligibility relative to physical defects, moral character, criminal involvement, age, drug abuse, satisfactory prior service, citizenship, education, and dependency per MCO P1100.72, Military Procurement Manual, Volume 2, Enlisted Procurement.

(f) Schedules working applicants to take the Armed Services Vocational Aptitude Battery test at the MEPS.

(g) Arranges for physical examinations of mentally qualified applicants at the MEPS.

(h) Coordinates with MEPS personnel in assisting applicants to complete Application for Enlistment (DD Form 1966).

(i) Prepares all other required enlistment documents.

(j) Arranges for publication and broadcasting of recruiting programs and provides publicity material about the Marine Corps.

(k) Explains to qualified applicants the appropriate items to take to recruit training.

(l) Instructs applicants in finalizing their enlistment process in the following areas: taking the Oath of Enlistment and signing the Record of Emergency Data (DD Form 93) and the Enlistment Contract.

d. Related DOT Classification/DOT Code

(1) Personnel Recruiter 166.267-010.

(2) Recruiter 166.267-026.

e. Related Military Skill. Career Recruiter, 8412.

20. MOS 8412, Career Recruiter (MGySgt to GySgt) PMOS

a. Summary. Career recruiters are superior recruiters who will serve to establish a cadre of professional recruiters with long-term assignments in key managerial billets to improve the management and effectiveness of the recruiting effort. These billets include noncommissioned officer in charge, instructor, operations chief, contact team member, and liaison billets. It is possible for selected recruiters to spend most of their career in the recruiting service. However, there are provisions for non-recruiting tours as specified in MCO 1100.76. Gunnery sergeants serving as career recruiters may be considered for promotion to master sergeant and first sergeant. Career recruiters can anticipate a minimum 3-year tour in assigned key recruiting billets and should anticipate transfer to another key billet upon the completion of a 3-year tour. Assignment of career recruiters is determined by the needs of the recruiting service and the personal desires of the individual concerned.

b. Requirements/Prerequisites. Must meet the prerequisites prescribed in MCO 1100.76.

c. Duties. For a complete listing of duties and tasks, refer to MCO 3500.43, Recruiting Training and Readiness Manual.

d. Related DOT Classification/DOT Code

(1) Personnel Recruiter 166.267-010.

(2) Recruiter 166.267-026.

e. Related Military Skill. Recruiter, 8411.

21. MOS 8621, Surveillance Sensor Operator (MSgt to Pvt) NMOS (0311, 0369, 0621, 0629, 0231)

a. Summary. Surveillance sensor operators inspect, install, operate, and perform operator maintenance on surveillance equipment prior to and after employment.

b. Requirements/Prerequisites

(1) Must complete the Remote Sensor Operator Course located at the NMITC Dam Neck, VA or have completed a sufficient period of MOJT to qualify as a surveillance sensor operator.

(2) Must possess a secret security clearance.

c. Duties

(1) Prepares various types of remote sensor surveillance devices for air and hand emplacement methods in areas previously determined.

(2) Monitors and interprets sensor devices by reading out audio and visual transmissions.

(3) Plots sensor string locations on maps and overlays.

(4) Makes recommendations to and assists the intelligence officer in selecting areas, routes, and specific sites to be employed.

(5) Provides timely, and accurate data concerning enemy location, direction, speed of movement, and strength.

(6) Recommends appropriate action and reaction to be taken and calls fire missions on valid targets acquired.

(7) Assists in testing and evaluating new sensor surveillance equipment and ancillary devices.

(8) Provides surveillance equipment instruction.

d. Related DOT Classification/DOT Code. Unattended Ground Sensor Specialist.

e. Related Military Skill

(1) Ground Radio Repairer, 2841.

(2) Radio Technician, 2861.

(3) Aviation Radio Repairer, 5937.

20. MOS 8641, Microminiature Repairer (GySgt to LCpl) NMOS

a. Summary. The circuit card repairer MOS identifies electronics maintenance personnel who have received training in the highly specialized area of circuit card repair. Circuit card repairers are trained in the use of automated test equipment to troubleshoot inoperative circuit cards down to the defective component. They are also trained in the specialized techniques required to remove and replace microminiature components such as surface mounted, highly static sensitive and multilead devices.

b. Requirements/Prerequisites

- (1) EL score of 110 or higher.
- (2) Must possess one of the following primary MOSs: 21XX, 28XX, 59XX.

c. Duties

(1) Utilizes the microminiature component repair station, the appropriate electronic maintenance kit and automated test equipment.

(2) Performs analysis of the repair tasks required and procedures necessary to accomplish repairs.

(3) Removes conformal coating and potting compounds.

(4) Desolders and removes components in microminiature circuits.

(5) Repairs microminiature and multilayer circuit board laminates and conductors (less subsurface repair).

(6) Makes high-reliability microelectronic solder connections.

(7) Repairs microminiature solderable connectors.

(8) Disassembles, repairs, cleans, and reassembles digital encoders.

(9) Repairs plastic edge lighted panels and their conductors.

(10) Performs electroplating of electronic circuits including edge connectors.

(11) Performs preventive and corrective maintenance on the appropriate maintenance kit.

(12) Inspects microelectronic repairs and identifies defects in workmanship.

(13) Observes all appropriate safety precautions.

(14) Supervises personnel of lower grades in the performance of microminiature circuit repair.

d. Related DOT Classification/DOT Code

- (1) Electronics Mechanic 828.281-010.

(2) Supervisor, Electronics Systems Maintenance 828.161-010.

e. Related Military Skill. None.

21. MOS 8711, Ground Operations Specialist (MGySgt to Cpl) EMOS (0311, 0369, 0811, 1833, 4341)

a. Summary. Ground operations specialists perform duties in an infantry operations and training section.

b. Requirements/Prerequisites. Complete the Combat Operations Specialist Course, Expeditionary Warfare Training Group, Pacific or Atlantic.

c. Duties

(1) Assists in the establishment and maintenance of the operation section's installation in the field.

(2) Prepares operation maps and maintains situation maps indicating location, strength, tactical deployment, and emplacements of friendly units.

(3) Receives and records on situation maps pertinent information obtained from intelligence and reconnaissance reports using conventional signs and symbols.

(4) Maintains an operations journal that contains briefs of important written and oral messages received and sent, and notations of periodic reports, orders, and similar matters that pertain to the section or unit.

(5) Maintains an operations journal file.

(6) Assists in allocating training areas and coordinating training activities.

(7) Assists in preparing war diaries and special reports upon completion of an operation.

(8) Supervises the performance of, or performs, typing, clerical, and drafting duties incident to the preparation, reproduction, and distribution of operations orders, training orders, memorandums, schedules, status reports, and S-3 periodic reports.

d. Related DOT Classification/DOT Code

(1) Intelligence Clerk 249.387-014.

(2) Infantry Operations Specialist 378.367-022.

e. Related Military Skill. Administrative Clerk, 0151.

22. MOS 8911, Billet Designator - Barracks and Grounds Marine (GySgt to Pvt) FMOS*

a. Summary. Barracks and grounds Marines supervise the policing and minor maintenance of barracks and grounds; supervise or assist in the supervision of, training, routine administration, and employment of units.

b. Requirements/Prerequisites

- (1) Not to be assigned to personnel either as a primary or additional MOS.
- (2) To be used only as a billet designator in T/O's.

c. Duties

- (1) Supervises working parties in maintaining barracks, buildings, and grounds in a clean, sanitary, and orderly condition.
- (2) Makes periodic inspections of plumbing, electrical equipment, and other building components and arranges for required repairs.
- (3) Maintains a stock of tools, equipment, and housekeeping gear to supply working parties.
- (4) Services buildings and materials such as light bulbs and towels.
- (5) Makes bunk assignments and issues lockers and bedding.
- (6) Performs preventive maintenance and makes minor repairs to tools and equipment.
- (7) Requisitions supplies and equipment.
- (8) Accompanies inspecting officer on tours of inspection and prepares reports pertaining to unsanitary or faulty conditions.
- (9) Assists in the supervision of a unit engaged in enforcing military regulations and guarding lives and property at a military installation.
- (10) Inspects and determines condition of unit weapons and equipment.
- (11) Initiates action to correct deficiencies.
- (12) Supervises preparation of unit correspondence, reports, schedules, and rosters.
- (13) Organizes and supervises the necessary housekeeping functions within the organization.
- (14) Conducts or supervises subordinates conducting training in military subjects.

d. Related DOT Classification/DOT Code. No civilian equivalent.

23. MOS 8972, Aircrew Trainee (GySgt to Pvt)

a. Summary. Aircrew trainees, under instruction or close supervision, train for one of the aircrew MOSs.

b. Requirements/Prerequisites

(1) Complete an appropriate Enlisted Aviation Maintenance Training "A" School.

(2) Qualified in MOSs 6XXX and 73XX.

(3) Volunteer for aircrew training.

(4) Meet the requirements of OPNAVINST 3710.7 and the USN Manual of the Medical Department.

(5) Complete all requirements contained in appropriate NATOPS manual or syllabi peculiar to the aircraft.

c. Duties. GySgt to Pvt: Performs routine aircrew duties under instruction and/or close supervision.

d. Related DOT Classification/DOT Code. No civilian equivalent.

24. MOS 8991, Sergeant Major of the Marine Corps (SgtMaj) PMOS

a. Summary. Assists the CMC as senior enlisted Marine in the Marine Corps. Advises the CMC in matters pertaining to enlisted personnel and assists the CMC in the performance of his duties. Performs such specific duties as member of the CMC's enlisted performance board, member of the permanent Marine Corps uniform board, and member of the CMC's party on all visits and inspection trips to Marine Corps installations when enlisted personnel are involved. When directed by the CMC, assists staff agencies in matters pertaining to enlisted Marines. Represents the CMC at the staff noncommissioned officers' symposium.

b. Requirements/Prerequisites

(1) Possess sufficient training, schooling (formal or OJT) to act independently as principal enlisted assistant in all administrative, technical, and tactical matters in a unit.

(2) Possess exemplary qualities of leadership.

(3) Possess to an exemplary degree initiative, sound judgment, industry, and dignity of demeanor.

c. Duties

(1) Communicates ideas effectively at all levels.

(2) Possesses to the highest degree the faculty for working in harmony with officers, other noncommissioned officers, and civilians.

(3) Demonstrates a comprehensive understanding of Marine Corps organizations, missions, and staff procedures.

(4) Possesses a comprehensive understanding of staff procedures and inter-organization relationships including inter-service organization and relationships at the highest levels.

d. Related DOT Classification/DOT Code. No civilian equivalent.

(2) Manager, Office 169.167-034.

(3) Manager, Personnel 166.167-034.

e. Related Military Skill

- (1) Personnel Clerk, 0121.
- (2) Administrative Clerk, 0151.

25. MOS 8999, Sergeant Major-First Sergeant (SgtMaj/1stSgt) PMOS

a. Summary. Assists the commander as senior enlisted Marine in the unit. Acts as principal enlisted assistant to the commander. Keeps apprised of all policies of the commander. Disseminates information to the unit's enlisted personnel regarding such policies. Reports to the commander on the status of matters pertaining to the efficient operation of the command. Counsels subordinate unit noncommissioned officers as required to improve the general effectiveness of the command. Interviews and counsels enlisted personnel on pertinent professional and personal matters that may affect the efficiency of the command. Assists the commander in the conduct of office hours, requests mast, and meritorious mast. Participates in ceremonies, briefings, confer commander. Assists in supervision of clerical and administrative matters; training functions and the employment of the command in garrison and in the field; logistic functions such as billeting, transportation, and messing; inspections and investigations; personnel management; and daily routine. Assumes other duties designated by the commander.

b. Requirements/Prerequisites

- (1) Must have requested to be considered for 1stSgt on latest fitness report by typing an "F" in block 2.g.
- (2) Possess those qualities of leadership that tend to elicit from subordinates unquestioned cooperation and obedience under any circumstances or situations.
- (3) Possess sufficient training, schooling (formal or OJT) to act independently as principal enlisted assistant in all administrative, technical, and tactical matters in a unit.
- (4) Possess an exemplary degree initiative, sound judgment, industry, and dignity of demeanor.
- (5) Exhibit strong ability to read and interpret regulations, communicate verbally and in writing, and research all matters affecting personnel.
- (6) Have exhibited a consistent and exemplary standard of military appearance, physical fitness, and personal discipline.
- (7) PME requires completion of the career course (either residency or non-residency) and advance course (residency and non-residency), as well as, the war fighting skills program.
- (8) Have demonstrated ability to lead groups of Marines of at least squad size.
- (9) Have demonstrated ability to function in an independent environment or have successfully completed a tour in a "B" billet (e.g., DI, Recruiting, MSG).

c. Duties

(1) SgtMaj and 1stSgt:

(a) Communicates ideas effectively at all levels.

(b) Possesses to the highest degree the faculty for working in harmony with officers, other noncommissioned officers, and civilians.

(c) Possesses a comprehensive understanding of Marine Corps organization, missions, and staff procedures in units of company level.

(2) SgtMaj:

(a) Possesses an extensive knowledge of Marine Corps staff procedures, organizations, and missions of units higher than company level.

(b) Possesses a comprehensive understanding of staff procedures and inter-organization relationships including inter-service organization and relationships at the highest levels.

d. Related DOT Classification/DOT Code

(1) Manager, Personnel 166.117-018.

(2) Senior Enlisted Advisor 166.167-042.

3144. OCCUPATIONAL FIELD 9000 Reporting MOS #

Currently there are no enlisted reporting MOSs.

CHAPTER 3

ENLISTED OCCUPATIONAL SYSTEM

SECTION 2: ALPHABETICAL LISTING OF ENLISTED MOSS

3001. ALPHABETICAL LISTING. Figure 3-37 of this Section is an alphabetical listing of enlisted MOS titles, including basic MOSS, four-digit MOS code, and page number where each MOS is described.

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
2M/ATE TECHNICIAN (GYSGT TO PVT) (PMOS)	2881	3-209
ACCIDENT INVESTIGATOR (GYSGT TO CPL) (NMOS)	5813	3-317
ACQUISITION SPECIALIST (MSGT TO SSGT) (FMOS)	8060	3-497
ADMINISTRATION CLERK (SGT TO PVT) (PMOS)	0151	3-8
ADVANCED AIRCRAFT COMMUNICATION/NAVIGATION SYSTEMS TECHNICIAN, IMA (GYSGT AND SSGT) (PMOS)	6414	3-412
ADVANCED AIRCRAFT ELECTRICAL/INSTRUMENT/FLIGHT CONTROL SYS TECH, IMA (GYSGT AND SSGT) (PMOS)	6434	3-416
AIRBORNE AND AIR DELIVERY SPECIALIST (MGYSGT TO PVT) (PMOS)	0451	3-50
AIRBORNE RADIO OPERATOR/IN-FLIGHT REFUELING OBSERVER/LOADMASTER (MGYSGT TO LCPL) (PMOS)	7382	3-486
AIR CONTROL ELECTRONICS OPERATOR (SGT TO PVT) (PMOS)	7234	3-466
AIRCRAFT COMMUNICATIONS SYSTEMS TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6412	3-412
AIRCRAFT COMMUNICATIONS/NAVIGATION SYSTEMS TECHNICIAN, KC-130 (GYSGT TO PVT) (PMOS)	6316	3-403
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN, CH-46 (GYSGT TO PVT) (PMOS)	6322	3-404
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN, CH-53 (GYSGT TO PVT) (PMOS)	6323	3-405
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL/WEAPON SYS TECH, U/AH-1 (GYSGT TO PVT) (PMOS)	6324	3-406
AIRCRAFT COMMUNICATIONS/NAVIGATION/ELECTRICAL SYSTEMS TECHNICIAN, V-22 (GYSGT TO PVT) (PMOS)	6326	3-407
AIRCRAFT COMMUNICATIONS/NAVIGATION/RADAR SYSTEMS TECHNICIAN, EA-6 (GYSGT TO PVT) (PMOS)	6313	3-412
AIRCRAFT COMMUNICATIONS/NAVIGATION/RADAR SYSTEMS TECHNICIAN, AV-8 (GYSGT TO PVT) (PMOS)	6312	3-401
AIRCRAFT COMMUNICATIONS/NAVIGATION/RADAR SYSTEMS TECHNICIAN, F/A-18 (GYSGT TO PVT) (PMOS)	6317	3-404
AIRCRAFT CRYPTOGRAPHIC SYSTEMS TECHNICIAN, IMA (SGT TO PVT) (NMOS)	6422	3-414
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN, AV-8 (GYSGT TO PVT) (PMOS)	6332	3-407
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN, EA-6 (GYSGT TO PVT) (PMOS)	6333	3-408
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN, F/A-18 (GYSGT TO PVT) (PMOS)	6337	3-409
AIRCRAFT ELECTRICAL SYSTEMS TECHNICIAN, KC-130 (GYSGT TO PVT) (PMOS)	6336	3-409
AIRCRAFT ELECTRICAL/INSTRUMENT/FLIGHT CONTROL SYSTEMS TECH, FIXED-WING, IMA (SGT TO PVT) (PMOS)	6432	3-415
AIRCRAFT ELECTRICAL/INSTRUMENT/FLIGHT CONTROL SYSTEMS TECH, HELICOPTER, IMA (SGT TO PVT) (PMOS)	6433	3-416
AIRCRAFT ELECTRONIC COUNTERMEASURES SYSTEMS TECHNICIAN, EA-6B (GYSGT TO PVT) (PMOS)	6386	3-410
AIRCRAFT ELECTRONIC COUNTERMEASURES SYSTEMS TECHNICIAN, FIXED-WING, IMA (GYSGT TO PVT) (PMOS)	6482	3-422
AIRCRAFT ELECTRONIC COUNTERMEASURES SYSTEMS TECHNICIAN, HELICOPTER, IMA (GYSGT TO PVT) (PMOS)	6483	3-423
AIRCRAFT ELECTRONIC MICROMINIATURE/INSTRUMENT AND CABLE REPAIR TECH, IMA (SGT TO PVT) (PMOS)	6423	3-409
AIRCRAFT INERTIAL NAVIGATION SYSTEM TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6464	3-419
AIRCRAFT INTERMEDIATE LEVEL HYDRAULIC/PNEUMATIC MECHANIC (GYSGT TO PVT) (PMOS)	6062	3-366
AIRCRAFT INTERMEDIATE LEVEL STRUCTURES MECHANIC (GYSGT TO PVT) (PMOS)	6092	3-368
AIRCRAFT MAINTENANCE ADMINISTRATION SPECIALIST (MGYSGT TO PVT) (PMOS)	6046	3-364
AIRCRAFT MAINTENANCE CHIEF (MGYSGT AND MSGT) (PMOS)	6019	3-361
AIRCRAFT MAINTENANCE SUPPORT EQUIPMENT ELECTRICIAN/REFRIGERATION MECHANIC (GYSGT TO PVT) (PMOS)	6073	3-367
AIRCRAFT MAINT SUPT EQUIPMENT HYDRAULIC/PNEUMATIC/STRUCTURES MECHANIC (GYSGT TO PVT) (PMOS)	6072	3-366
AIRCRAFT NAVIGATION SYSTEMS TECHNICIAN, IFF/RADAR/TACAN, IMA (SGT TO PVT) (PMOS)	6413	3-407
AIRCRAFT NONDESTRUCTIVE INSPECTION TECHNICIAN (GYSGT TO CPL) (NMOS)	6033	3-362
AIRCRAFT ORDNANCE TECHNICIAN (SSGT TO PVT) (PMOS)	6531	3-428
AIRCRAFT POWER PLANTS TEST CELL OPERATOR (GYSGT TO CPL) (NMOS)	6023	3-361
AIRCRAFT RESCUE AND FIREFIGHTING SPECIALIST (MGYSGT TO PVT) (PMOS)	7051	3-456
AIRCRAFT WELDER (GYSGT TO LCPL) (NMOS)	6043	3-363
AIRCREW TRAINEE (GYSGT-PVT) (PMOS)	8972	3-505
AIR SUPPORT OPERATIONS OPERATOR (MGYSGT TO PVT) (PMOS)	7242	3-469
AIR TRAFFIC CONTROL COMMUNICATIONS TECHNICIAN (GYSGT TO PVT) (PMOS)	5954	3-343
AIR TRAFFIC CONTROL NAVIGATIONAL AIDS TECHNICIAN (GYSGT TO PVT) (PMOS)	5952	3-339
AIR TRAFFIC CONTROL RADAR TECHNICIAN (GYSGT TO PVT) (PMOS)	5953	3-341
AIR TRAFFIC CONTROL SYSTEMS MAINTENANCE CHIEF (MGYSGT AND MSGT) (PMOS)	5959	3-344
AIR TRAFFIC CONTROLLER (GYSGT TO PVT) (PMOS)	7257	3-474
AIR TRAFFIC CONTROLLER RADAR APPROACH CONTROLLER (GYSGT TO PVT) (NMOS)	7254	3-473
AIR TRAFFIC CONTROLLER-RADAR ARRIVAL/DEPARTURE CONTROLLER (GYSGT TO PVT) (NMOS)	7253	3-472
AIR TRAFFIC CONTROLLER-TOWER (GYSGT TO PVT) (NMOS)	7252	3-471
AIR TRAFFIC CONTROLLER-TRAINEE (SGT TO PVT) (PMOS)	7251	3-470
AMMUNITION TECHNICIAN (MGYSGT TO PVT) (PMOS)	2311	3-162
AN/TRC-170 TECHNICIAN (GYSGT TO PVT) (PMOS)	2831	3-202
ANTITANK MISSILE-MAN (SGT TO PVT) (PMOS)	0352	3-40
ARTILLERY ELECTRONICS TECHNICIAN (GYSGT TO PVT) (PMOS)	2887	3-210
ARTILLERY METEOROLOGICAL MAN (SGT TO PVT) (PMOS)	0847	3-97
ASIA-PACIFIC CRYPTOLOGIC LINGUIST (GYSGT TO PVT) (PMOS)	2673	3-173
ASSAULT AMPHIBIOUS VEHICLE (AAV) CREWMAN (MGYSGT TO PVT) (PMOS)	1833	3-138
ASSAULT AMPHIBIOUS VEHICLE (AAV) REPAIRER/TECHNICIAN (GYSGT TO PVT) (PMOS)	2141	3-146
ASSAULT BREACHER VEHICLE/JOINT ASSAULT BRIDGE (JAB) MECHANIC (SSGT TO PVT) (NMOS)	1343	3-124
ASSAULT BREACHER VEHICLE/JOINT ASSAULT BRIDGE OPERATOR (MSGT TO LCPL) (NMOS)	1372	3-127
AUTOMOTIVE INTERMEDIATE MECHANIC (SGT TO LCPL) (NMOS)	3522	3-258
AUTOMOTIVE ORGANIZATIONAL MECHANIC (SGT TO PVT) (PMOS)	3521	3-258
AVENGER SYSTEM MAINTAINER (MSGT TO PVT) (NMOS)	5912	3-323
AVIATION COMMUNICATION SYSTEMS TECHNICIAN (MSGT TO PVT) (PMOS)	5939	3-334

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
AVIATION ELECTRONIC MICROMINIATURE/INSTRUMENT AND CABLE REPAIR TECH, IMA (SGT TO PVT) (PMOS) ...	6423	3-414
AVIATION INFORMATION SYSTEMS (AIS) SPECIALIST (MGYSGT TO PVT) (PMOS)	6694	3-439
AVIATION MAINTENANCE CONTROLLER/PRODUCTION CONTROLLER (GYSGT TO SGT) (NMOS)	6012	3-359
AVIATION METEOROLOGICAL EQUIPMENT TECHNICIAN, OMA/IMA (GYSGT TO PVT) (PMOS)	6493	3-425
AVIATION OPERATIONS SPECIALIST (MGYSGT TO PVT) (PMOS)	7041	3-453
AVIATION ORDNANCE CHIEF (MGYSGT AND GYSGT) (PMOS)	6591	3-432
AVIATION ORDNANCE SYSTEMS TECHNICIAN (SSGT TO PVT) (PMOS)	6541	3-430
AVIATION ORDNANCE TECHNICIAN (SSGT TO PVT) (PMOS)	6531	3-421
AVIATION PRECISION MEASUREMENT EQUIP/CALIBRATION AND REPAIR TECH, IMA (GYSGT TO PVT) (PMOS) ...	6492	3-424
AVIATION QUALITY ASSURANCE REPRESENTATIVE (QAR), CDQAR, CDI (MGYSGT TO CPL) (NMOS)	6018	3-360
AVIATION RADAR REPAIRER (SGT TO PVT) (PMOS)	5942	3-337
AVIATION RADAR TECHNICIAN (MSGT TO SGT) (PMOS)	5948	3-338
AVIATION SUPPLY SPECIALIST (MGYSGT TO PVT) (PMOS)	6672	3-438
AVIONICS MAINTENANCE CHIEF (MGYSGT AND GYSGT) (PMOS)	6391	3-411
AVIONICS TEST SET (ATS) TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6462	3-418
BANDMASTER (MGYSGT TO MSGT) (PMOS)	5517	3-298
BILLET DESIGNATOR - BARRACKS AND GROUNDS MARINE (GYSGT TO PVT) (FMOS)*	8911	3-504
BASIC MARINE WITH ENLISTMENT GUARANTEE (MGYSGT TO PVT) (BASIC MOS)	8011	3-491
BILLET DESIGNATOR - ENLISTED (MGYSGT TO PVT) (FMOS*)	8014	3-492
BROADCAST JOURNALIST (MGYSGT TO PVT) (NMOS)	4313	3-277
BULK FUEL SPECIALIST (MGYSGT TO PVT) (PMOS)	1391	3-128
CAREER RECRUITER (MGYSGT TO GYSGT) (PMOS)	8412	3-501
CAREER RETENTION SPECIALIST (MGYSGT TO SGT) (PMOS)	0143	3-6
CASS EO CONFIGURATION OPERATOR/MAINTAINER/TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6466	3-420
CASS HP CONFIGURATION OPERATOR/MAINTAINER/TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6463	3-413
CASS EW CONFIGURATION OPERATOR/MAINTAINER/TECHNICIAN, IMA (GYSGT TO PVT) (PMOS)	6484	3-423
CASS TEST STATION IMA ADVANCED MAINTENANCE TECHNICIAN, IMA (GYSGT AND SSGT) (PMOS)	6469	3-421
CERTIFICATION AUTHORITY WORKSTATION (CAW) OPERATOR (SGT TO PVT) (EMOS)	0652	3-80
CHEMICAL, BIOLOGICAL, RADIOLOGICAL, AND NUCLEAR DEFENSE SPECIALIST (MGYSGT TO PVT) (PMOS)	5711	3-309
CIVIL AFFAIRS NONCOMMISSIONED OFFICER (GYSGT TO CPL) (FMOS)#	0531	3-69
COLLEGE DEGREE-ENLISTED (MGYSGT TO PVT) (EMOS)	8015	3-492
COMBAT CAMERA CHIEF (MGYSGT AND GYSGT) (PMOS)	4691	3-291
COMBAT CAMERA PRODUCTION SPECIALIST (SSGT TO PVT) (PMOS)	4612	3-289
COMBATANT DIVER MARINE (SGTMAJ/MGYSGT TO PVT) (FMOS)	8024	3-494
COMBAT CORRESPONDENT (MGYSGT TO PVT) (PMOS)	4341	3-278
COMBAT ENGINEER (MGYSGT TO PVT) (PMOS)	1371	3-126
COMBAT PHOTOGRAPHER (SSGT TO PVT) (PMOS)	4641	3-290
COMBAT RUBBER RECONNAISSANCE CRAFT (CRRC) COXSWAIN (SSGT TO PFC) (NMOS)	0316	3-34
COMBAT VIDEOGRAPHER (SSGT TO PVT) (PMOS)	4671	3-291
COMMUNICATIONS CHIEF (MGYSGT TO MSGT) (PMOS)	0699	3-85
CONSOLIDATED AUTOMATIC SUPPORT SYSTEM (CASS) TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6467	3-420
CONSTRUCTION WIREMAN (SGT TO PVT) (PMOS)	0613	3-74
CONTRACT SPECIALIST (MGYSGT TO SGT) (PMOS)	3044	3-227
CORRECTIONAL COUNSELOR (MGYSGT TO SGT)*	5832	3-322
CORRECTIONAL SPECIALIST (MGYSGT TO PVT) (PMOS)	5831	3-321
COUNTERINTELLIGENCE/HUMINT SPECIALIST (MSGT TO CPL) (PMOS)	0211	3-19
CRASH/FIRE/RESCUE VEHICLE MECHANIC (GYSGT TO LCPL) (NMOS)	3526	3-260
CRIMINAL INVESTIGATOR CID AGENT (MGYSGT TO SGT) (PMOS)	5821	3-319
CRYOGENICS EQUIPMENT OPERATOR (GYSGT TO PVT) (PMOS)	6074	3-360
CRYPTOLOGIC DIGITAL NETWORK TECHNICIAN/ANALYST (MGYSGT-LCPL) (NMOS)	2611	3-168
DATA CHIEF (GYSGT TO SSGT) (PMOS)	0659	3-83
DATA NETWORK SPECIALIST (SGT TO PVT) (PMOS)	0651	3-79
DEFENSE MESSAGE SYSTEM (DMS) SPECIALIST (SGT TO PVT) (NMOS)	0653	3-81
DIGITAL (MULTI-CHANNEL) WIDEBAND TRANSMISSION EQUIPMENT OPERATOR (SGT TO PVT) (PMOS)	0622	3-76
DRILL INSTRUCTOR (SGTMAJ/MGYSGT TO SGT) (FMOS)	0911	3-106
DRUM MAJOR (GYSGT TO SSGT) (PMOS)	5521	3-299
EHF SATELLITE COMMUNICATIONS OPERATOR-MAINTAINER (SGT TO PVT) (PMOS)	0628	3-78
ELECTRICIAN (SSGT TO PVT) (PMOS)	1141	3-112
ELECTRO-OPTICAL ORDNANCE REPAIRER (GYSGT TO PVT) (PMOS)	2171	3-150
ELECTRONIC INTELLIGENCE (ELINT) INTERCEPT OPERATOR/ANALYST (GYSGT TO PVT) (PMOS)	2631	3-171
ELECTRONIC SWITCHING EQUIPMENT TECHNICIAN (GYSGT TO PVT) (PMOS)	2822	3-200
ELECTRONIC SWITCHING OPERATOR/MAINTAINER (DTC) (SGT TO CPL) (NMOS)	0618	3-75

FIGURE 3-37--Alphabetical Listing of Enlisted MOSS

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
ELECTRONICS MAINTENANCE CHIEF (MGYSGT AND MSGT) (PMOS)	2891	3-210
ELECTRONICS MAINTENANCE CHIEF (MGYSGT) (PMOS)	5993	3-349
ELECTRONICS MAINTENANCE TECHNICIAN (GYSGT TO SGT) (PMOS)	2862	3-200
ENGINEER ASSISTANT (GYSGT TO PVT) (PMOS)	1361	3-126
ENGINEER EQUIPMENT CHIEF (MGYSGT TO GYSGT) (PMOS)	1349	3-125
ENGINEER EQUIPMENT ELECTRICAL SYSTEMS TECHNICIAN (SSGT TO PVT) (PMOS)	1142	3-113
ENGINEER EQUIPMENT MECHANIC (SSGT TO PVT) (PMOS)	1341	3-122
ENGINEER EQUIPMENT OPERATOR (SSGT TO PVT) (PMOS)	1345	3-124
ENLISTED AIRCREW/AERIAL OBSERVER/GUNNER (MGYSGT TO PVT) (FMOS)	6199	3-381
ENLISTED AVIATION LOGISTICIAN (NMOS)	6617	3-437
ENLISTED CONDUCTOR (GYSGT TO SSGT) (PMOS)	5519	3-299
EQUAL OPPORTUNITY ADVISOR (EOA) (MGYSGT TO SSGT) (FMOS)	0147	3-7
EUROPEAN I (WEST) CRYPTOLOGIC LINGUIST (GYSGT TO PVT) (PMOS)	2674	3-174
EUROPEAN II (EAST) CRYPTOLOGIC LINGUIST (GYSGT TO PVT) (PMOS)#	2676	3-175
EXPEDITIONARY AIRFIELD SYSTEMS TECHNICIAN (MGYSGT TO PVT) (PMOS)	7011	3-451
EXPEDITIONARY FIGHTING VEHICLE (EFV) CREWMAN (MGYSGT TO PVT) (PMOS)	1834	3-139
EXPEDITIONARY FIGHTING VEHICLE (EFV) REPAIRER/TECHNICIAN (GYSGT TO PVT) (PMOS)	2148	3-148
EXPLOSIVE ORDNANCE DISPOSAL TECHNICIAN (MGYSGT TO SGT) (PMOS)	2336	3-163
EXTERNAL UNMANNED AERIAL VEHICLE (UAV) OPERATOR (MGYSGT TO SGT) (NMOS)	7316	3-484
FIELD ARTILLERY CANNONEER (MGYSGT TO PVT) (PMOS)	0811	3-95
FIELD ARTILLERY FIRE CONTROL MAN (SGT TO PVT) (PMOS)	0844	3-97
FIELD ARTILLERY METEOROLOGICAL MAN (SGT TO PVT) (PMOS)	0847	3-95
FIELD ARTILLERY OPERATIONS MAN (MGYSGT TO SSGT) (PMOS)	0848	3-98
FIELD ARTILLERY RADAR OPERATOR (SGT TO PVT) (PMOS)	0842	3-94
FIELD RADIO OPERATOR (SGT TO PVT) (PMOS)	0621	3-76
FIELD WIREMAN (SGT TO PVT) (PMOS)	0612	3-73
FINANCE TECHNICIAN (MGYSGT TO PVT) (PMOS)	3432	3-249
FINANCIAL MANAGEMENT RESOURCE ANALYST (MGYSGT TO PVT) (PMOS)	3451	3-251
FIRE SUPPORT MAN (MGYSGT TO PVT) (PMOS)	0861	3-99
FIXED-WING AIRCRAFT AIRFRAME MECHANIC, AV-8/TAV-8 (GYSGT TO PVT) (PMOS)	6252	3-385
FIXED-WING AIRCRAFT AIRFRAME MECHANIC, EA-6 (GYSGT TO PVT) (PMOS)	6253	3-391
FIXED-WING AIRCRAFT AIRFRAME MECHANIC, F/A-18 (GYSGT TO PVT) (PMOS)	6257	3-392
FIXED-WING AIRCRAFT AIRFRAME MECHANIC, KC-130 (GYSGT TO PVT) (PMOS)	6256	3-391
FIXED-WING AIRCRAFT AIRFRAME MECHANIC-TRAINEE (GYSGT-PVT) (PMOS)	6251	3-390
FIXED-WING AIRCRAFT CREW CHIEF, KC-130 (MGYSGT TO PVT) (PMOS)	6276	3-392
FIXED-WING AIRCRAFT FLIGHT ENGINEER, KC-130 (MGYSGT TO SGT) (NMOS)	6242	3-386
FIXED-WING AIRCRAFT MECHANIC, AV-8/TAV-8 (GYSGT TO PVT) (PMOS)	6212	3-381
FIXED-WING AIRCRAFT MECHANIC, EA-6 (GYSGT TO PVT) (PMOS)	6213	3-382
FIXED-WING AIRCRAFT MECHANIC, F/A-18 (GYSGT TO PVT) (PMOS)	6217	3-383
FIXED-WING AIRCRAFT MECHANIC, KC-130 (GYSGT TO PVT) (PMOS)	6216	3-383
FIXED-WING AIRCRAFT POWER PLANTS MECHANIC, F-402 (GYSGT TO PVT) (PMOS)	6222	3-383
FIXED-WING AIRCRAFT POWER PLANTS MECHANIC, F-404 (GYSGT TO PVT) (PMOS)	6227	3-387
FIXED-WING AIRCRAFT POWER PLANTS MECHANIC, J-52 (GYSGT TO PVT) (PMOS)	6223	3-385
FIXED-WING AIRCRAFT POWER PLANTS MECHANIC, T-56 (GYSGT TO PVT) (PMOS)	6226	3-385
FIXED-WING AIRCRAFT SAFETY EQUIPMENT MECHANIC, AV-8/TAV-8 (GYSGT TO PVT) (PMOS)	6282	3-394
FIXED WING AIRCRAFT SAFETY EQUIPMENT MECHANIC, EA-6 (GYSGT TO PVT) (PMOS)	6283	3-394
FIXED-WING AIRCRAFT SAFETY EQUIPMENT MECHANIC, F/A-18 (GYSGT TO PVT) (PMOS)	6287	3-395
FIXED-WING AIRCRAFT SAFETY EQUIPMENT MECHANIC, KC-130 (GYSGT TO PVT) (PMOS)	6286	3-390
FIXED-WING AIRCRAFT SAFETY EQUIPMENT MECHANIC-TRAINEE (GYSGT-PVT) (PMOS)	6281	3-393
FIXED-WING TRANSPORT AIRCRAFT SPECIALIST, C-12 (MGYSGT TO PFC) (NMOS)	6244	3-388
FIXED-WING TRANSPORT AIRCRAFT SPECIALIST, C-20 (MGYSGT TO LCPL) (NMOS)	6246	3-388
FIXED-WING TRANSPORT AIRCRAFT SPECIALIST, C-9 (MGYSGT TO LCPL) (NMOS)	6243	3-387
FIXED-WING TRANSPORT AIRCRAFT SPECIALIST, UC-35 (MGYSGT TO LCPL) (NMOS)	6247	3-389
FIXED-WING TRANSPORT AIRCRAFT SPECIALIST, KC-130J (MGYSGT TO PVT) (NMOS)	7312	3-483
FORENSIC PSYCHOPHYSIOLOGIST POLYGRAPH EXAMINER (MGYSGT TO SGT) (PMOS)	5822	3-321
FLIGHT EQUIPMENT TECHNICIAN (GYSGT TO PVT) (PMOS)	6048	3-364
FOOD SERVICE SPECIALIST (MGYSGT TO PVT) (PMOS)	3381	3-243
FUEL AND ELECTRICAL SYSTEMS MECHANIC (SGT TO LCPL) (NMOS)	3524	3-259
GENERAL SERVICE MARINE (MGYSGT TO PVT) (BASIC MOS)	8000	3-483
GEOGRAPHIC INTELLIGENCE SPECIALIST (MSGT TO PVT) (PMOS)	0261	3-23
GROUND COMMUNICATIONS ORGANIZATIONAL REPAIRER (SGT TO PVT) (PMOS)	2844	3-204
GROUND OPERATIONS SPECIALIST (MGYSGT TO CPL) (NMOS)	8711	3-504
GROUND RADIO INTERMEDIATE REPAIRER (SGT TO PVT) (PMOS)	2846	3-204
GROUND SAFETY SPECIALIST (GYSGT TO PVT) (FMOS)	8012	3-491
GUARD (GYSGT TO PVT) (EMOS)	8151	3-497

FIGURE 3-37--ALPHABETICAL LISTING OF ENLISTED MOSs

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
HAZARDOUS MATERIAL/HAZARDOUS WASTE (HM/HW) STAFF NCO/NCO (MGYSGT TO LCPL) (FMOS)	8056	3-495
HELICOPTER AIRFRAME MECHANIC, CH-46 (GYSGT TO PVT) (PMOS)	6152	3-373
HELICOPTER AIRFRAME MECHANIC, CH-53 (GYSGT TO PVT) (PMOS)	6153	3-373
HELICOPTER AIRFRAME MECHANIC, UH/AH-1 (GYSGT TO PVT) (PMOS)	6154	3-374
HELICOPTER CREW CHIEF, CH-46 (GYSGT TO PVT) (PMOS)	6172	3-376
HELICOPTER CREW CHIEF, CH-53 (GYSGT TO PVT) (PMOS)	6173	3-376
HELICOPTER CREW CHIEF, UH-1 (GYSGT TO PVT) (PMOS)	6174	3-377
HELICOPTER MECHANIC, CH-46 (GYSGT TO PVT) (PMOS)	6112	3-369
HELICOPTER MECHANIC, CH-53 (GYSGT TO PVT) (PMOS)	6113	3-362
HELICOPTER MECHANIC, UH/AH-1 (GYSGT TO PVT) (PMOS)	6114	3-370
HELICOPTER POWER PLANTS MECHANIC, T-400/T-700 (GYSGT TO PVT) (PMOS)	6124	3-372
HELICOPTER POWER PLANTS MECHANIC, T-58 (GYSGT TO PVT) (PMOS)	6122	3-371
HELICOPTER POWER PLANTS MECHANIC, T-64 (GYSGT TO PVT) (PMOS)	6123	3-371
HELICOPTER SPECIALIST, AH-1Z/UH-1Y (MGYSGT TO PVT) (NMOS)	7313	3-483
HELICOPTER/TILTROTOR DYNAMIC COMPONENTS MECHANIC (GYSGT TO PVT) (PMOS)	6132	3-372
HELICOPTER/TILTROTOR MECHANIC-TRAINEE (GYSGT-PVT) (PMOS)	6111	3-368
HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) OPERATOR (MGYSGT TO PVT) (NMOS)	0814	3-96
HYBRID TEST TECHNICIAN, IMA (SGT TO PVT) (PMOS)	6461	3-417
IMAGERY ANALYSIS SPECIALIST (MSGT TO SGT) (PMOS)	0241	3-22
INDIVIDUAL MATERIAL READINESS LIST (IMRL) ASSET MANAGER (MGYSGT TO PVT) (PMOS)	6042	3-362
INFANTRY ASSAULT MAN (SGT TO PVT) (PMOS)	0351	3-39
INFANTRY UNIT LEADER (MGYSGT TO SSGT) (PMOS)	0369	3-40
INFORMATION ASSURANCE TECHNICIAN (MGYSGT TO SGT) (PMOS)	0689	3-85
INFORMATION SECURITY TECHNICIAN (MGYSGT TO SSGT) (PMOS)	0681	3-84
INSTRUMENT REPAIR TECHNICIAN (MSGT TO SSGT) (PMOS)	5523	3-300
INTELLIGENCE CHIEF (MGYSGT) (PMOS)	0291	3-24
INTELLIGENCE SPECIALIST (MSGT TO PVT) (PMOS)	0231	3-21
INTERPRETER (DESIGNATED LANGUAGE) (MGYSGT TO PVT) (FMOS)	2799	3-190
JOINT TERMINAL ATTACK CONTROLLER (MGYSGT TO SSGT) (FMOS)	8002	3-490
JOINT CHEMICAL BIOLOGICAL RADIOLOGICAL NUCLEAR RECONNAISSANCE SYS OPERATOR (SSGT-PVT) (NMOS)	5731	3-310
LANDING SUPPORT SPECIALIST (SSGT TO PVT) (PMOS)	0481	3-53
LAV CREWMAN (MGYSGT TO PVT) (PMOS)	0313	3-33
LEGAL SERVICES REPORTER (MGYSGT TO SGT) (PMOS)#	4429	3-284
LEGAL SERVICES SPECIALIST (MGYSGT TO PVT) (PMOS)	4421	3-284
LICENSING EXAMINER (GYSGT TO SGT) (NMOS)	3538	3-264
LIGHT ARMORED VEHICLE (LAV) REPAIRER/TECHNICIAN (GYSGT TO PVT) (PMOS)	2147	3-147
LINGUIST (MGYSGT TO PVT) (FMOS)	2711 through 2794	3-192
LOGISTICS/EMBARKATION SPECIALIST (SSGT TO PVT) (PMOS)	0431	3-49
LOGISTICS/MOBILITY CHIEF (MGYSGT TO GYSGT) (PMOS)	0491	3-54
LOGISTICS VEHICLE SYSTEM MECHANIC (SGT TO PVT) (NMOS)	3523	3-259
LOGISTICS VEHICLE SYSTEM OPERATOR (SGT TO PVT) (PMOS)	3533	3-262
LOW ALTITUDE AIR DEFENSE (LAAD) GUNNER (MGYSGT TO PVT) (PMOS)	7212	3-464
M1A1 TANK CREWMAN (MGYSGT TO PVT) (PMOS)	1812	3-138
MACHINE GUNNER (SGT TO PVT) (PMOS)	0331	3-38
MACHINIST (GYSGT TO PVT) (PMOS)	2161	3-150
MAGTF PLANNING SPECIALIST (MGYSGT TO PVT) (PMOS)	0511	3-68
MAIN BATTLE TANK (MBT) REPAIRER/TECHNICIAN (GYSGT TO PVT) (PMOS)	2146	3-147
MAINTENANCE MANAGEMENT SPECIALIST (MGYSGT TO PVT) (PMOS)	0411	3-49
MANPOWER INFORMATION SYSTEMS (MIS) ANALYST (MGYSGT TO CPL) (NMOS)	0171	3-10
MARINE AIDE (MGYSGT TO SGT) (NMOS)	3372	3-242
MARINE COMBAT INSTRUCTOR (GYSGT TO CPL) (EMOS)	0913	3-107
MARINE CORPS COMMUNITY SERVICES MARINE (MGYSGT TO SGT) (PMOS)	4133	3-273
MARINE CORPS SECURITY FORCE (MCSF) GUARD (GYSGT TO PVT) (EMOS)	8152	3-498
MARINE CORPS SECURITY FORCE (MCSF) CLOSE QUARTERS BATTLE (CQB) TEAM MEMBER (SSGT TO LCPL) (FMOS)*	8154	3-499
MARINE SECURITY GUARD (MSG) (MGYSGT TO PFC) (FMOS)	8156	3-499
MARKSMANSHIP COACH (SGT TO PFC) (EMOS)	0933	3-110
MARKSMANSHIP INSTRUCTOR (MGYSGT TO SGT) (EMOS)*	0931	3-109
MARTIAL ARTS INSTRUCTOR (MGYSGT TO CPL) (FMOS)	0916	3-107
MARTIAL ARTS INSTRUCTOR-TRAINER (MGYSGT TO SGT) (FMOS)	0917	3-108
MECEP PARTICIPANT (MGYSGT TO PVT)	8028	3-488
MEMBER, THE COMMANDANT'S OWN, U.S. MARINE DRUM AND BUGLE CORPS (MGYSGT TO PVT) (PMOS)	5512	3-297
MEMBER, THE PRESIDENT'S OWN, UNITED STATES MARINE BAND (MGYSGT TO SSGT) (PMOS)	5511	3-296
METAL WORKER (SSGT TO PVT) (PMOS)	1316	3-122
METOC ANALYST FORECASTER (MGYSGT TO PVT) (PMOS)	6842	3-445

FIGURE 3-37--Alphabetical Listing of Enlisted MOSs

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
METOC IMPACTS ANALYST (NMOS)	6852	3-436
METOC OBSERVER (CPL TO PVT) (PMOS)	6821	3-444
METROLOGY TECHNICIAN (MGYSGT TO SGT) (PMOS)	2874	3-208
MICROMINIATURE REPAIRER (GYSGT TO LCPL) (NMOS)	8641	3-503
MIDDLE EAST CRYPTOLOGIC LINGUIST (GYSGT TO PVT) (PMOS)	2671	3-172
MILITARY INTERPRETER/TRANSLATOR (MGYSGT TO PVT) (EMOS)	2799	3-197
MILITARY POLICE (MGYSGT TO PVT) (PMOS)	5811	3-315
MILITARY POLICE INVESTIGATOR (MPI) (GYSGT TO CPL) (NMOS)	5819	3-318
MORTARMAN (SGT TO PVT) (PMOS)	0341	3-38
MOTOR TRANSPORT MAINTENANCE CHIEF (MGYSGT TO SSGT) (PMOS)	3529	3-260
MOTOR TRANSPORT OPERATIONS CHIEF (MGYSGT TO SSGT) (PMOS)	3537	3-264
MOTOR VEHICLE OPERATOR (SGT TO PVT) (PMOS)	3531	3-261
MUSICIAN (SSGT TO PVT) (PMOS)	5524	3-301
MUSICIAN, EUPHONIUM (SSGT TO PVT) (NMOS)	5543	3-302
MUSICIAN, BASSOON (SSGT TO PVT) (NMOS)	5528	3-302
MUSICIAN, CLARINET (SSGT TO PVT) (NMOS)	5534	3-302
MUSICIAN, TRUMPET (SSGT TO PVT) (NMOS)	5541	3-302
MUSICIAN, FLUTE AND PICCOLO (SSGT TO PVT) (NMOS)	5536	3-302
MUSICIAN, HORN (SSGT TO PVT) (NMOS)	5544	3-302
MUSICIAN, GUITAR (SSGT TO PVT) (NMOS)	5566	3-303
MUSICIAN, OBOE (SSGT TO PVT) (NMOS)	5526	3-302
MUSICIAN, PERCUSSION (DRUMS, TYMPANI, AND MALLETS) (SSGT TO PVT) (NMOS)	5563	3-303
MUSICIAN, PIANO (SSGT TO PVT) (NMOS)	5565	3-303
MUSICIAN, SAXOPHONE (SSGT TO PVT) (NMOS)	5537	3-302
MUSICIAN, ELECTRIC BASS (SSGT TO PVT) (NMOS)	5548	3-303
MUSICIAN, TROMBONE (SSGT TO PVT) (NMOS)	5546	3-302
MUSICIAN, TUBA/SOUSAPHONE (SSGT TO PVT) (NMOS)	5547	3-302
NAF AUDIT TECHNICIAN (MGYSGT TO SGT) (PMOS)	3441	3-250
NALCOMIS APPLICATION ADMINISTRATOR/ANALYST (MGYSGT TO SGT) (NMOS)	6049	3-365
ORDNANCE VEHICLE MAINTENANCE CHIEF (MGYSGT AND MSGT) (PMOS)	2149	3-149
PACKAGING SPECIALIST (MGYSGT TO PVT) (PMOS)	3052	3-230
PARACHUTIST (SGTMAJ/MGYSGT TO PVT) (PMOS)	8023	3-493
PARACHUTIST/COMBATANT DIVER MARINE (SGTMAJ/MGYSGT TO PVT) (FMOS)	8026	3-494
PERSONNEL/ADMINISTRATIVE CHIEF (MGYSGT TO SSGT) (PMOS)	0193	3-11
PERSONNEL CLERK (SGT TO PVT) (PMOS)#	0121	3-5
PERSONNEL RETRIEVAL AND PROCESSING SPECIALIST (SSGT TO PVT) (PMOS)	0471	3-51
PERSONNEL RETRIEVAL AND PROCESSING TECHNICIAN (SSGT TO PVT) (FMOS)	0472	3-52
PHYSICAL SECURITY SPECIALIST (GYSGT TO CPL) (NMOS)	5814	3-317
POSTAL CLERK (MGYSGT TO PVT) (PMOS)	0161	3-9
PRECISION WEAPONS REPAIRER/TECHNICIAN (GYSGT TO CPL) (NMOS)	2112	3-145
PRESIDENTIAL SUPPORT SPECIALIST (MGYSGT TO LCPL) (NMOS)	6162	3-375
PSYCHOLOGICAL OPERATIONS NONCOMMISSIONED OFFICER (GYSGT TO CPL) (FMOS)	0521	3-69
RADIO CHIEF (GYSGT TO SSGT) (PMOS)	0629	3-78
RECONNAISSANCE MAN (MGYSGT TO PVT) (PMOS)	0321	3-36
RECONNAISSANCE MAN, COMBATANT DIVER QUALIFIED (MGYSGT TO PVT) (NMOS)	0324	3-37
RECONNAISSANCE MAN, PARACHUTE AND COMBATANT DIVER QUALIFIED (SGTMAJ/MGYSGT TO PVT) (NMOS)	0326	3-38
RECONNAISSANCE MAN, PARACHUTE QUALIFIED (MGYSGT TO PVT) (NMOS)	0323	3-39
REPRODUCTION EQUIPMENT REPAIRER SPECIALIST (SSGT TO CPL) (NMOS)	4616	3-290
RECRUITER (SSGT TO SGT) (EMOS)	8411	3-500
REFRIGERATION AND AIR CONDITIONING TECHNICIAN (SSGT TO PVT) (PMOS)	1161	3-115
RIFLEMAN (SGT TO PVT) (PMOS)	0311	3-32
RIGID RAIDING CRAFT (RRC)/RIGID HULL INFLATABLE BOAT COXSWAIN (SSGT TO PFC) (FMOS)	0314	3-34
RIVERINE ASSAULT CRAFT (RAC) CREWMAN (GYSGT TO PFC) (NMOS)	0312	3-32
SATELLITE COMMUNICATIONS (SATCOM) TECHNICIAN (GYSGT TO SGT) (PMOS)	2834	3-203
SCOUT SNIPER (GYSGT TO PVT) (NMOS)	0317	3-35
SEMITRAILER REFUELER OPERATOR (SGT TO LCPL) (NMOS)	3534	3-262
SENIOR AIR TRAFFIC CONTROLLER (MGYSGT TO MSGT) (PMOS)	7291	3-475
SENIOR GROUND ORDNANCE WEAPONS CHIEF (MGYSGT AND MSGT) (PMOS)	2181	3-151
SERGEANT MAJOR OF THE MARINE CORPS (SGTMAJ) (NMOS)	8991	3-506
SERGEANT MAJOR-FIRST SERGEANT (SGTMAJ/1STSGT) (PMOS)	8999	3-507
SHF SATELLITE COMMUNICATIONS OPERATOR/MAINTAINER (SGT TO PVT) (PMOS)	0627	3-77
SIGNALS INTELLIGENCE ANALYST (MGYSGT TO CPL) (NMOS)	2629	3-170
SIGNALS INTELLIGENCE/ELECTRONIC WARFARE CHIEF (MGYSGT AND MSGT) (PMOS)	2691	3-176

MOS MANUAL

MOS TITLE	MOS CODE	PAGE NUMBER
SMALL ARMS REPAIRER/TECHNICIAN (GYSGT TO PVT) (PMOS)	2111	3-144
SMALL ARMS WEAPONS INSTRUCTOR (MGYSGT TO SGT) (EMOS)	0932	3-109
SMALL CRAFT MECHANIC (SSGT TO LCPL) (NMOS)	1342	3-123
SMALL ENSEMBLE LEADER (GYSGT TO SSGT) (PMOS)	5522	3-300
SPECIAL ASSIGNMENT-ENLISTED (MGYSGT TO PVT) (FMOS)	8013	3-492
SPECIAL COMMUNICATIONS SIGNAL COLLECTION OPERATOR/ANALYST (GYSGT TO PVT) (PMOS)	2621	3-169
SPECIAL INTELLIGENCE SYSTEM ADMINISTRATOR/COMMUNICATOR (MGYSGT TO PVT) (PMOS)	2651	3-165
SPECIAL REACTION TEAM (SRT) MEMBER (GYSGT TO CPL) (NMOS)	5816	3-317
SPECIAL TECHNICAL OPERATIONS (MGYSGT TO PVT) (FMOS)	8016	3-493
STRATEGIC SPECTRUM MANAGER (MGYSGT-SSGT) (NMOS)	0648	3-79
SUBSTANCE ABUSE CONTROL SPECIALIST (MGYSGT TO SSGT) (FMOS)	0149	3-8
SUPPLY ADMINISTRATION AND OPERATIONS SPECIALIST (MGYSGT TO PVT) (PMOS)	3043	3-226
SURVEILLANCE SENSOR OPERATOR (MSGT TO PVT) (NMOS)	8621	3-502
TACTICAL AIR DEFENSE CONTROLLER (MGYSGT TO SGT) (PMOS)	7236	3-467
TACTICAL AIR OPERATIONS MODULE/AIR DEFENSE TECHNICIAN (MSGT TO SGT) (PMOS)	5979	3-346
TACTICAL DATA NETWORK GATEWAY SYSTEMS ADMINISTRATOR (GYSGT TO SGT) (NMOS)	0658	3-82
TACTICAL DATA SYSTEMS ADMINISTRATOR (TDSA) (MSGT TO PVT) (PMOS)	5974	3-345
TACTICAL ELECTRONIC RECONNAISSANCE PROCESS/EVALUATION SYSTEMS TECHNICIAN (GYSGT TO SGT) (NMOS)	2827	3-201
TACTICAL NETWORK SPECIALIST (SGT TO PVT) (PMOS)	0656	3-82
TACTICAL REMOTE SENSOR SYSTEM (TRSS) MAINTAINER (GYSGT TO LCPL) (NMOS)	2848	3-206
TACTICAL SYSTEMS OPERATOR/MISSION SPECIALIST (MGYSGT TO LCPL) (PMOS)	7372	3-485
TECHNICAL CONTROL CHIEF (MGYSGT TO SSGT) (PMOS)	2823	3-201
TECHNICAL CONTROLLER MARINE (SGT TO PVT) (PMOS)	2821	3-199
TECHNICAL SURVEILLANCE COUNTERMEASURES (TSCM) SPECIALIST (MSGT TO SGT) (NMOS)	0212	3-21
TELEPHONE SYSTEMS/PERSONAL COMPUTER INTERMEDIATE REPAIRER (SGT TO PVT) (PMOS)	2847	3-205
TEST MEASUREMENT AND DIAGNOSTIC EQUIPMENT TECHNICIAN (SGT TO PVT) (PMOS)	2871	3-207
TILTROTOR AIRFRAME MECHANIC, MV-22 (GYSGT TO PVT) (PMOS)	6156	3-374
TILTROTOR CREW CHIEF, MV-22 (GYSGT TO PVT) (PMOS)	6176	3-378
TILTROTOR MECHANIC, MV-22 (GYSGT TO PVT) (PMOS)	6116	3-370
TOWED ARTILLERY SYSTEMS TECHNICIAN (GYSGT TO PVT) (PMOS)	2131	3-145
TRAFFIC MANAGEMENT SPECIALIST (MGYSGT TO PVT) (PMOS)	3112	3-238
TROPOSPHERIC SCATTER RADIO MULTI-CHANNEL EQUIPMENT OPERATOR (SGT-PVT) (PMOS)	0623	3-77
UNIT LEVEL CIRCUIT SWITCH (ULCS) OPERATOR/MAINTAINER (SGT TO PVT) (PMOS)	0614	3-74
UNMANNED AERIAL VEHICLE (UAV) AIR VEHICLE OPERATOR (MGYSGT TO PVT) (PMOS)	7314	3-484
UNMANNED AERIAL SYSTEMS (UAS) AVIONICS TECHNICIAN (GYSGT TO PVT) (PMOS)	6314	3-402
UNMANNED AERIAL VEHICLE (UAV) MECHANIC (GYSGT TO PVT) (PMOS)	6214	3-382
UTILITIES CHIEF (MGYSGT TO GYSGT) (PMOS)	1169	3-115
VEHICLE RECOVERY OPERATOR (SGT TO PVT) (NMOS)	3536	3-263
VERTICAL TAKEOFF UNMANNED AERIAL VEHICLE SPECIALIST (MGYSGT TO PVT) (NMOS)	7374	3-485
VH-3D PRESIDENTIAL HELICOPTER CREW CHIEF (MGYSGT TO LCPL) (NMOS)	6179	3-380
VH-60N PRESIDENTIAL HELICOPTER CREW CHIEF (MGYSGT TO LCPL) (NMOS)	6178	3-379
WAREHOUSE CLERK (MGYSGT TO PVT) (PMOS)	3051	3-229
WATER SAFETY/SURVIVAL INSTRUCTOR (MGYSGT TO PVT) (FMOS)	0918	3-108
WATER SUPPORT TECHNICIAN (SSGT TO PVT) (PMOS)	1171	3-116
WEAPONS AND TACTICS CREW CHIEF INSTRUCTOR (MGYSGT TO LCPL) (NMOS)	6177	3-379
WEAPONS AND TACTICS INSTRUCTOR-AIR CONTROL (MGYSGT TO SSGT) (NMOS)	7277	3-475
WIRE CHIEF (GYSGT TO SSGT) (PMOS)	0619	3-75
WORKING DOG HANDLER (SSGT TO PVT) (NMOS)	5812	3-316

FIGURE 3-37--Alphabetical Listing of Enlisted MOSs

MOS MANUAL

CHAPTER 4

ENLISTED CONVERSION GUIDANCE

	PARAGRAPH	PAGE
IMPLEMENTATION OF MOS CONVERSION	4001	4-1
COMMANDING OFFICER'S RESPONSIBILITIES	4002	4-1

FIGURE

	PAGE
4-1 ENLISTED CONVERSION TABLES/GUIDE	4-1

CHAPTER 4

ENLISTED CONVERSION GUIDANCE

4001. IMPLEMENTATION OF MOS CONVERSION

1. Deputy Commandant, Manpower and Reserve Affairs

a. Director, Manpower Plans (CMC (MP)). Modify models to reflect MOS changes shown in figure 2-1.

b. Director, Personnel Management Division (CMC (MM)). The Type Transaction Code (TTC) conversion for the Marine Corps Total Force System (MCTFS) will convert MOSs for active duty components. Action will be accomplished by the CMC (MM) on 1 October 2007 to convert the present MOS codes being revised as listed in the table of MOSs to the new MOS codes listed (refer to figure 2-1).

c. Director, Management Information Systems Division (CMC (MI)). Update the MCTFS MOS Tables prior to the CMC (MM) and (RA) submission of the TTC conversions that will occur on 1 Oct 2007.

2. Commanding General, Marine Corps Recruiting Command (CG MCRC (R)). Ensure MOS conversions are entered into the Marine Corps Recruit Information Support System (MCRISS) on 15 April 2007.

3. Commanding General, Training and Education Command (CG, TECOM). Conduct a final coordination meeting and then release an advisory to Marine forces, which will announce revision of this Manual and serve as the source document on 15 April.

4. Director, Total Force Structure Division (CG MCCDC (TFS)). Modify TFSMS to ensure T/Os are updated and reflect the MOS conversions contained in figure 2-1 by 15 April 2007.

5. Commanding General, Training and Education Command (CG TECOM). CG TECOM, Ground Training Branch (C 469TD), will release an advisory to Marine forces, which will serve as the source document on 15 April 2007.

5. Marine Corps Reserve.

a. CMC (RA). Coordinate retraining of Prior Service Training Assignment (PSTA) Marines and Active Reserve (AR) Marines as required for MOS conversion, subject to the availability of funds.

b. The Commander, Marine Forces Reserve (COMMARFORRES). Coordinate retraining of SMCR Marines as required for MOS conversion, subject to the availability of funds.

c. The Commanding General (CG), Marine Corps Mobilization Command (MOBCOM). Make appropriate SRB entries for Individual Mobilization Augmentees, Individual Ready Reservists, and Standby Reservists using as authority the CMC (MM) conversion action appearing on the RUC's DFR with an origin of "HQ".

4002. COMMANDING OFFICER'S RESPONSIBILITIES

a. Active component units verify appropriate conversion actions appearing on the RUC's Diary Feedback Report (DFR) with an origin code of "HQ".

MOS MANUAL

b. Commanding Officers will ensure that no unit diary entries are submitted based on the revisions of this Manual until after the 1 Oct 2007 batch change performed by CMC (MM). Omissions from the batch changes should be coordinated with CMC (MM) before changes are submitted by the unit.

c. Directors of Marine Corps formal schools and commanders of training detachments will award current MOSs until directed by CMC message to implement new conversions (usually coinciding with new fiscal year).

MOS MANUAL

PRESENT		GRADE	NEW MOS		GRADE	REMARKS
MOS CODE	PRESENT MOS TITLE		CODE	NEW MOS TITLE		
0161	Postal Clerk PMOS	MGySgt-Pvt	0161	Postal Clerk PMOS	MGySgt-Pvt	7
0231	Intelligence Specialist PMOS	MSgt-Pvt	0231	Intelligence Specialist PMOS	MSgt-Pvt	2,7
0313	LAV Crewman PMOS	Sgt-Pvt	0313	LAV Crewman PMOS	MGySgt-Pvt	4,7
0321	Reconnaissance Man PMOS	MGySgt-Pvt	0321	Reconnaissance Man PMOS	MGySgt-Pvt	7
0431	Logistics/Embarkation and Combat Service Support (CSS) PMOS	SSgt-Pvt	0431	Logistics/Embarkation Specialist PMOS	SSgt-Pvt	2,7
0451	Parachute Rigger PMOS	MGySgt-Pvt	0451	Airborne and Air Delivery Specialist PMOS	MGySgt-Pvt	2,7
0481	Landing Support Specialist PMOS	SSgt-Pvt	0481	Landing Support Specialist PMOS	SSgt-Pvt	2,7
0491	Combat Service Support Chief PMOS	MGySgt-GySgt	0491	Logistics/Mobility Chief PMOS	MGySgt-GySgt	2,7
0652	Certification Authority Work-Station (CAW) Operator (FMOS)	GySgt-Pvt	0652	Certification Authority Workstation (CAW) Operator NMOS	Sgt-Pvt	4
1141	Electrician PMOS	SSgt-Pvt	1141	Electrician PMOS	SSgt-Pvt	2,7
1142	Electrical Equipment Repair Specialist PMOS	SSgt-Pvt	1142	Engineer Equipment Electrical Systems Technician PMOS	SSgt-Pvt	2,7
1161	Refrigeration Mechanic PMOS	SSgt-Pvt	1161	Refrigeration and Air Conditioning Technician PMOS	SSgt-Pvt	2
1169	Utilities Chief PMOS	MGySgt-GySgt	1169	Utilities Chief PMOS	MGySgt-GySgt	2
1171	Hygiene Equipment Operator PMOS	SSgt-Pvt	1171	Water Support Technician PMOS	SSgt-Pvt	2,7
1343	Assault Breacher Vehicle Mechanic NMOS	SSgt-LCpl	1343	Assault Breacher Vehicle/Joint Assault Bridge (JAB) Mechanic NMOS	SSgt-Pvt	2,4,7

MOS MANUAL

PRESENT MOS CODE	PRESENT MOS TITLE	GRADE	NEW MOS CODE	NEW MOS TITLE	GRADE	REMARKS
1372	Assault Breacher Vehicle Operator NMOS	MGySgt-LCpl	1372	Assault Breacher Vehicle (ABV)/Joint Assault Bridge Operator NMOS	MSgt-LCpl	2,4,7
2111	Small Arms Repairer/Technician PMOS	GySgt-Pvt	2111	Small Arms Repairer/Technician PMOS	GySgt-Pvt	"
2112	Precision Weapons Repairer	GySgt-Cpl	2112	Precision Weapons Repairer/Technician	GySgt-Cpl	2,7
2171	Electro-Optical Ordnance Repairer PMOS	GySgt-Pvt	2171	Electro-Optical Ordnance Repairer PMOS	GySgt-Pvt	7
2336	Explosive Ordnance Disposal (EOD) PMOS	MGySgt-Sgt	2336	Explosive Ordnance Disposal (EOD) PMOS	MGySgt-Sgt	2,7
2611	Cryptologic Digital Network Technician/Analyst NMOS	MGySgt-Cpl	2611	Cryptologic Digital Network Technician/Analyst NMOS	MGySgt-LCpl	4
			2715	Persian-Afghan (Dari) EMOS	MGySgt-Pvt	1
2762	Icelandic FMOS	MGySgt-Pvt				3
2799	Foreign Language Proficiency Pay Program EMOS	MGySgt-Pvt	2799	Military Interpreter/Translator EMOS	MGySgt-Pvt	1
2826	AN/MSC-63A Maintenance Technician NMOS	GySgt-Sgt				3
3043	Supply Administration and Operations Clerk PMOS	MGySgt-Pvt	3043	Supply Administration and Operations Specialist (PMOS)	MGySgt-Pvt	2
3044	Contract Specialist PMOS	MGySgt-Sgt	3044	Contract Specialist PMOS	MGySgt-Sgt	1
			3523	Logistics Vehicle System Mechanic	Sgt-Pvt	1
3525	Crash/Fire/Rescue Vehicle Mechanic NMOS	GySgt-LCpl	3526	Crash/Fire/Rescue Vehicle Mechanic NMOS	GySgt-LCpl	4
4133	Morale, Welfare, Recreation (MWR) Specialist PMOS	MGySgt-Sgt	4133	Marine Corps Community Services Marine PMOS	MGySgt-Sgt	1
4611	Combat Illustrator PMOS	SSgt-Pvt	4612	Combat Camera Production Specialist PMOS	SSgt-Pvt	2,5,7

MOS MANUAL

PRESENT			NEW MOS			REMARKS
MOS CODE	PRESENT MOS TITLE	GRADE	CODE	NEW MOS TITLE	GRADE	
4616	Reproduction Equipment Repair NMOS	SSgt-Cpl	4616	Production Equipment Repair Specialist NMOS	SSgt-Cpl	1, 1
5711	Nuclear, Biological, and Chemical Defense Specialist PMOS	MGySgt-Pvt	5711	Chemical, Biological, Radiological, Nuclear Defense Specialist PMOS	MGySgt-Pvt	2, 7
			5731	Joint Chemical Biological Radiological, Nuclear Reconnaissance System Operator (JCBRNRS) LAV Operator NMOS	SSgt-Pvt	1
6012	Aviation Maintenance Controller/Production Controller NMOS	GySgt-Sgt	6012	Aviation Maintenance Controller/Production Controller NMOS	GySgt-Sgt	7
6312	Aircraft Communications/Navigation/Weapon Systems Technician AV-8 PMOS	GySgt-Pvt	6312	Aircraft Communications/Navigation/Radar Systems Technician AV-3 PMOS	GySgt-Pvt	2, 7
6313	Aircraft Communications/Navigation/Radar Systems Technician, EA-6 PMOS	GySgt-Pvt	6313	Aircraft Communications/Navigation/Radar Systems Technician EA-6 PMOS	GySgt-Pvt	7
6314	Unmanned Aerial System (UAS) Avionics Technician PMOS	GySgt-Pvt	6314	Unmanned Aerial System (UAS) Avionics Technician PMOS	GySgt-Pvt	7
6316	Aircraft Communications/Navigation Systems Technician KC-130 PMOS	GySgt-Pvt	6316	Aircraft Communications/Navigation Systems Technician KC-130 PMOS	GySgt-Pvt	7
6317	Aircraft Communications/Navigation/Weapons Systems Technician F/A-18 PMOS	GySgt-Pvt	6317	Aircraft Communications/Navigation/Radar Systems Technician F/A-18 PMOS	GySgt-Pvt	1, 1
6322	Aircraft Communications/Navigation/Electrical Systems Technician, CH-46 PMOS	GySgt-Pvt	6322	Aircraft Communications/Navigation/Electrical Systems Technician CH-46 PMOS	GySgt-Pvt	7
6323	Aircraft Communications/Navigation/Electrical Systems Technician, CH-53 PMOS	GySgt-Pvt	6323	Aircraft Communications/Navigation/Electrical Systems Technician, Ch-53 PMOS	GySgt-Pvt	7
6324	Aircraft Communications/Navigation/Electrical/Weapon Systems Technician U/AH-1 PMOS	GySgt-Pvt	6324	Aircraft Communications/Navigation/Electrical/Weapon Systems Technician U/AH-1 PMOS	GySgt-Pvt	7

MOS MANUAL

PRESENT			NEW MOS			REMARKS
MOS CODE	PRESENT MOS TITLE	GRADE	CODE	NEW MOS TITLE	GRADE	
6326	Aircraft Communications/ Navigation/Electrical/ Weapon Systems Technician V-22 PMOS	GySgt- Pvt	6326	Aircraft Communications/ Navigation/Electrical Systems Technician V-22 PMOS	GySgt- Pvt	4,7
6332	Aircraft Electrical Systems Technician AV-8 PMOS	GySgt- Pvt	6332	Aircraft Electrical Systems Technician AV-8 PMOS	GySgt- Pvt	7
6333	Aircraft Electrical Systems Technician, EA-6 PMOS	GySgt- Pvt	6333	Aircraft Electrical Systems Technician EA-6 PMOS	GySgt- Pvt	7
6336	Aircraft Electrical Systems Technician, KC-130 PMOS	GySgt- Pvt	6336	Aircraft Electrical Systems Technician KC-130 PMOS	GySgt- Pvt	7
6337	Aircraft Electrical Systems Technician, F/A-18 PMOS	GySgt- Pvt	6337	Aircraft Electrical Systems Technician F/A-18 PMOS	GySgt- Pvt	
6386	Aircraft Electronic Counter- Measures System Technician EA-6B PMOS	GySgt- Pvt	6386	Aircraft Electronic Countermeasures System Technician EA-6B PMOS	GySgt- Pvt	7
6412	Aircraft Communications Systems Technician PMOS	Sgt- Pvt	6412	Aircraft Communications Systems Technician PMOS	Sgt- Pvt	
6413	Aircraft Navigation Systems Technician PMOS	Sgt- Pvt	6413	Aircraft Navigation Systems Technician PMOS	Sgt- Pvt	7
6422	Aircraft Cryptographic Systems Technician, IMA NMOS	GySgt- Pvt	6422	Aircraft Cryptographic Systems Technician, IMA NMOS	Sgt- Pvt	4,7
6423	Aviation Electronic Microminiature/Instrument and Cable Repair Technician IMA PMOS	Sgt- Pvt	6423	Aviation Electronic Microminiature/ Instrument and Cable Repair Technician IMA PMOS	Sgt- Pvt	7
6432	Aircraft Electrical/ Instrument/Flight Control Systems Technician, Fixed-Wing IMA PMOS	Sgt- Pvt	6432	Aircraft Electrical/ Instrument/Flight Control Systems Technician, Fixed-Wing IMA PMOS	Sgt- Pvt	7

MOS MANUAL

PRESENT			NEW MOS		
MOS CODE	PRESENT MOS TITLE	GRADE	CODE	NEW MOS TITLE	GRADE REMARKS
6433	Aircraft Electrical/Instrument Flight Control Systems Technician, Helicopter IMA PMOS	Sgt-Pvt	6433	Aircraft Electrical/Instrument/Flight Control Systems Technician, Helicopter IMA PMOS	Sgt-Pvt 7
6461	Hybrid Test Set Technician IMA PMOS	Sgt-Pvt	6461	Hybrid Test Set Technician, IMA PMOS	Sgt-Pvt 7
6462	Avionics Test Set Technician IMA PMOS	Sgt-Pvt	6462	Avionics Test Set Technician IMA PMOS	Sgt-Pvt 7
6463	Cass HP Configuration Operator/Maintainer/Technician IMA PMOS	Sgt-Pvt	6463	Cass HP Configuration Operator/Maintainer/Technician IMA PMOS	Sgt-Pvt 7
6464	Aircraft Inertial Navigation System Technician IMA PMOS	Sgt-Pvt	6464	Aircraft Inertial Navigation System Technician IMA PMOS	Sgt-Pvt 7
6466	CASS EO Configuration Operator Maintainer/Technician IMA PMOS	Sgt-Pvt	6466	CASS EO Configuration Operator/Maintainer/Technician IMA PMOS	Sgt-Pvt 7
6467	Consolidated Automatic Support System (CASS) Technician IMA PMOS	Sgt-Pvt	6467	Consolidated Automatic Support System (CASS) Technician IMA PMOS	Sgt-Pvt 7
6482	Aircraft Electronic Counter-Measures Systems Technician Technician Fixed-Wing IMA PMOS	GySgt-Pvt	6482	Aircraft Electronic Countermeasures System Technician Fixed-Wing IMA PMOS	GySgt-Pvt 7
6483	Aircraft Electronic Counter-measures Systems Technician Helicopter IMA PMOS	GySgt-Pvt	6483	Aircraft Electronic Countermeasures Systems Technician Helicopter IMA PMOS	GySgt-Pvt 7
6484	CASS EW Configuration Operator Maintainer/Technician IMA PMOS	GySgt-Pvt	6484	CASS EW Configuration Operator/Maintainer/Technician IMA PMOS	GySgt-Pvt 7
6492	Aviation Precision Measurement Equipment/Calibration and Repair Technician IMA PMOS	GySgt-Pvt	6492	Aviation Precision Measurement Equipment/Calibration and Repair Technician IMA PMOS	GySgt-Pvt 7
6493	Aviation Meteorological Equipment Technician OMA/IMA PMOS	GySgt-Pvt	6493	Aviation Meteorological Equipment Technician OMA/IMA PMOS	GySgt-Pvt 7
6531	Aircraft Ordnance Technician PMOS	SSgt-Pvt	6531	Aircraft Ordnance Technician PMOS	SSgt-Pvt 7

MOS MANUAL

PRESENT			NEW MOS			REMARKS
MOS CODE	PRESENT MOS TITLE	GRADE	CODE	NEW MOS TITLE	GRADE	
6541	Aviation Ordnance System Technician (PMOS)	SSgt-Pvt	6541	Aviation Ordnance System Technician PMOS	SSgt-Pvt	
6591	Aviation Ordnance Chief PMOS	MGySgt-GySgt	6591	Aviation Ordnance Chief PMOS	MGySgt-GySgt	
6821	METOC Observer (PMOS)	Cpl-Pvt	6842	METOC Analyst Forecaster PMOS	MGySgt-Pvt	1,4,7
7236	Tactical Air Defense Controller PMOS	MGySgt-Sgt	7236	Tactical Air Defense Controller PMOS	MGySgt-Sgt	7
7251	Air Traffic Control-Trainee PMOS	Sgt-Pvt	7251	Air Traffic Control-Trainee PMOS	Sgt-Pvt	7
7252	Air Traffic Controller-Tower NMOS	GySgt-Pvt	7252	Air Traffic Controller-Tower NMOS	GySgt-Pvt	
7253	Air Traffic Controller-Radar NMOS	GySgt-Pvt	7253	Air Traffic Controller-Radar Arrival/Departure Controller NMOS	GySgt-Pvt	1,7
7254	Radar Approach Controller NMOS	GySgt-Pvt	7254	Air Traffic Controller-Radar Approach Controller NMOS	GySgt-Pvt	2,7
7257	Air Traffic Controller PMOS	GySgt-Pvt	7257	Air Traffic Controller PMOS	GySgt-Pvt	7

OccFld Title Change: OccFld 41, Marine Corps Community Services
 OccFld 57, Chemical, Biological, Radiological, Nuclear (CBRN) Defense

NOTE:

1. New MOS/Reestablished MOS.
2. Revised MOS description.
3. Deleted MOS.
4. Entry or terminal grade/category MOS revised.
5. Convert to a specified MOS.
6. To be assigned as a NMOS, EMOS, or FMOS only.
7. Requirement change.
8. Status of MOS has changed (i.e., PMOS to NMOS, etc.)
9. OccFld/MOS number changed only.